

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057344.D
 Acq On : 15 Aug 2019 20:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 16 02:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	879721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1302864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1185281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	476667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	461722	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.58	113	419928	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.09	98	1554196	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	528698	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	347001	45.839	ug/l	99
3) Chloromethane	2.06	50	400670	44.842	ug/l	100
4) Vinyl Chloride	2.18	62	391183	46.535	ug/l	98
5) Bromomethane	2.54	94	273878	45.706	ug/l	100
6) Chloroethane	2.69	64	270876	46.846	ug/l	96
7) Trichlorofluoromethane	3.02	101	628073	47.633	ug/l	99
8) Diethyl Ether	3.40	74	240744	48.510	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	368979	47.630	ug/l	99
10) Methyl Iodide	3.95	142	623737	50.372	ug/l	99
11) Tert butyl alcohol	4.76	59	308210	226.693	ug/l	100
12) 1,1-Dichloroethene	3.73	96	371195	48.091	ug/l	98
13) Acrolein	3.60	56	172993	209.596	ug/l	100
14) Allyl chloride	4.32	41	526332	42.540	ug/l	93
15) Acrylonitrile	4.97	53	881281	238.754	ug/l	100
16) Acetone	3.80	43	675323	203.559	ug/l	98
17) Carbon Disulfide	4.05	76	960504	46.190	ug/l	98
18) Methyl Acetate	4.31	43	427317	48.114	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	1172175	48.398	ug/l	100
20) Methylene Chloride	4.54	84	429356	46.255	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	395586	47.658	ug/l	96
22) Diisopropyl ether	5.94	45	1163230	47.593	ug/l	99
23) Vinyl Acetate	5.88	43	4675337	237.682	ug/l	98
24) 1,1-Dichloroethane	5.84	63	714807	47.536	ug/l	99
25) 2-Butanone	6.82	43	1077776	224.341	ug/l	97
26) 2,2-Dichloropropane	6.81	77	531200	43.711	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	467700	47.594	ug/l	99
28) Bromochloromethane	7.18	49	325388	48.702	ug/l #	98
29) Tetrahydrofuran	7.20	42	699828	230.181	ug/l	99
30) Chloroform	7.36	83	740307	46.979	ug/l	99
31) Cyclohexane	7.64	56	592121	45.439	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	659984	49.795	ug/l	99
36) 1,1-Dichloropropene	7.79	75	538463	46.809	ug/l	99
37) Ethyl Acetate	6.91	43	457259	48.532	ug/l	99
38) Carbon Tetrachloride	7.77	117	577576	48.324	ug/l	99

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 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	630349	46.928	ug/l	99
40) Benzene	8.03	78	1661310	47.217	ug/l	99
41) Methacrylonitrile	7.19	41	645860	152.219	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	552526	47.447	ug/l	99
43) Isopropyl Acetate	8.15	43	917959	53.351	ug/l	96
44) Trichloroethene	8.83	130	473676	47.885	ug/l	97
45) 1,2-Dichloropropane	9.11	63	436923	48.176	ug/l	99
46) Dibromomethane	9.20	93	290260	47.974	ug/l	100
47) Bromodichloromethane	9.40	83	587274	48.990	ug/l	98
48) Methyl methacrylate	9.19	41	366799	47.276	ug/l	98
49) 1,4-Dioxane	9.19	88	149905	918.755	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	2263861	232.908	ug/l	100
52) Toluene	10.15	92	1059505	48.379	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	624060	48.128	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	686613	48.020	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	417084	48.433	ug/l	99
56) Ethyl methacrylate	10.43	69	620465	49.372	ug/l	98
57) 1,3-Dichloropropane	10.71	76	679667	47.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	704146	193.102	ug/l	99
59) 2-Hexanone	10.75	43	1599818	228.940	ug/l	99
60) Dibromochloromethane	10.90	129	480142	49.754	ug/l	99
61) 1,2-Dibromoethane	11.00	107	442380	48.224	ug/l	100
64) Tetrachloroethene	10.63	164	489635	47.786	ug/l	100
65) Chlorobenzene	11.43	112	1159621	47.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	446948	48.276	ug/l	98
67) Ethyl Benzene	11.51	91	2027052	47.928	ug/l	100
68) m/p-Xylenes	11.62	106	1531063	98.254	ug/l	99
69) o-Xylene	11.95	106	752784	49.201	ug/l	99
70) Styrene	11.96	104	1224161	50.193	ug/l	99
71) Bromoform	12.13	173	361568	49.504	ug/l #	99
73) Isopropylbenzene	12.25	105	1992013	52.738	ug/l	99
74) N-amyl acetate	12.07	43	606499	43.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	557197	52.843	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	686197	73.997	ug/l #	100
77) Bromobenzene	12.53	156	528671	51.822	ug/l	98
78) n-propylbenzene	12.59	91	2076227	45.232	ug/l	100
79) 2-Chlorotoluene	12.67	91	1291171	51.523	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1664200	51.903	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	175863	44.988	ug/l	99
82) 4-Chlorotoluene	12.77	91	1230222	45.228	ug/l	99
83) tert-Butylbenzene	12.99	119	1484253	52.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1584505	46.151	ug/l	100
85) sec-Butylbenzene	13.17	105	1813972	50.313	ug/l	100
86) p-Isopropyltoluene	13.29	119	1594007	45.348	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	790568	47.337	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	733925	46.293	ug/l	99
89) n-Butylbenzene	13.62	91	1202973	48.006	ug/l	100
90) Hexachloroethane	13.88	117	315260	52.867	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	746290	47.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76764	45.161	ug/l	98

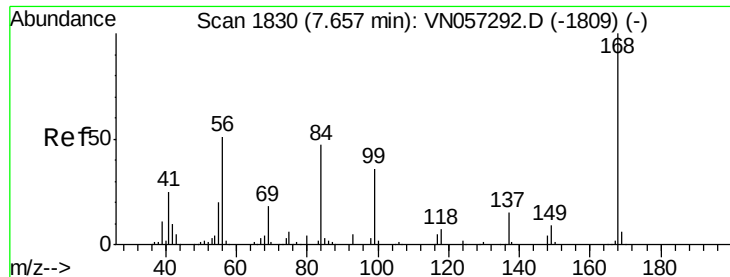
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	251722	41.456	ug/l	99
94) Hexachlorobutadiene	15.01	225	314815	53.014	ug/l	98
95) Naphthalene	15.13	128	502751	52.021	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	232173	52.975	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

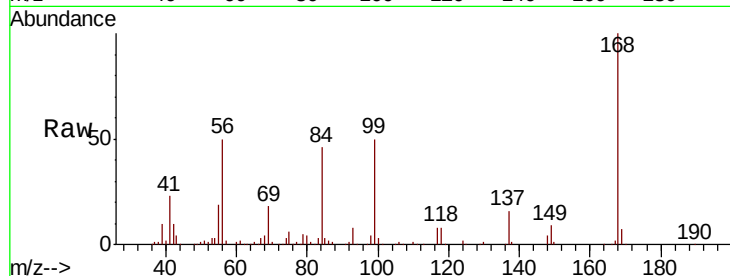
VSTDCCC050EC

Tgt Ion:168 Resp: 879721

Ion Ratio Lower Upper

168 100

99 50.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

300000

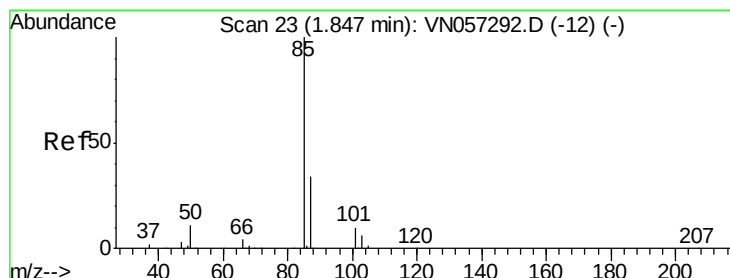
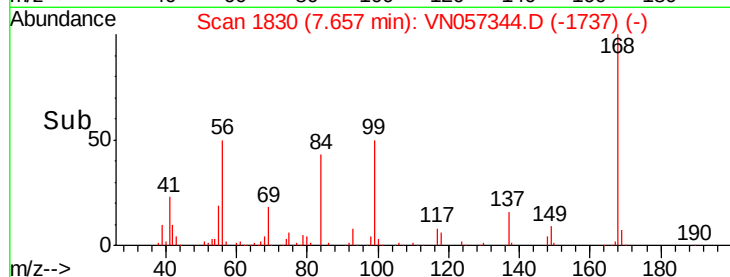
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.839 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057344.D

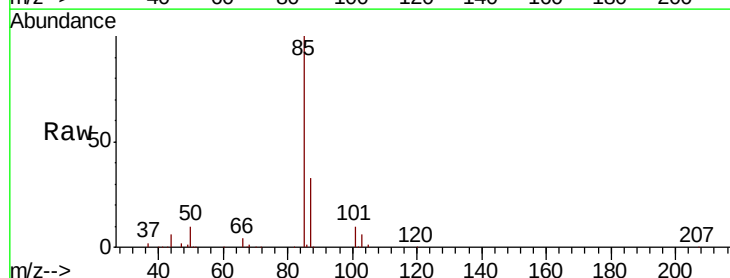
Acq: 15 Aug 2019 20:19

Tgt Ion: 85 Resp: 347001

Ion Ratio Lower Upper

85 100

87 33.2 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250000

200000

150000

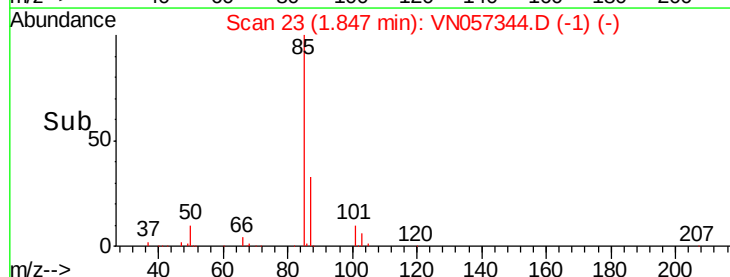
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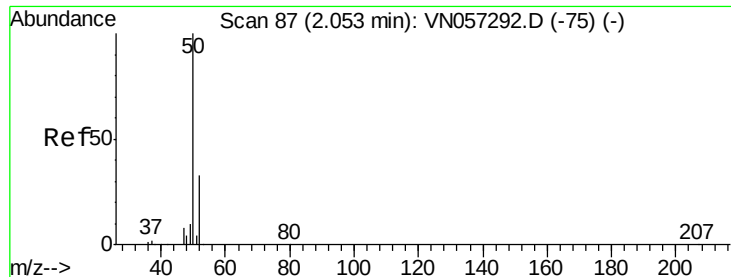
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.842 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

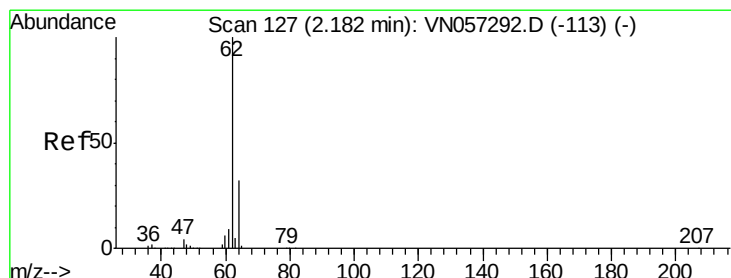
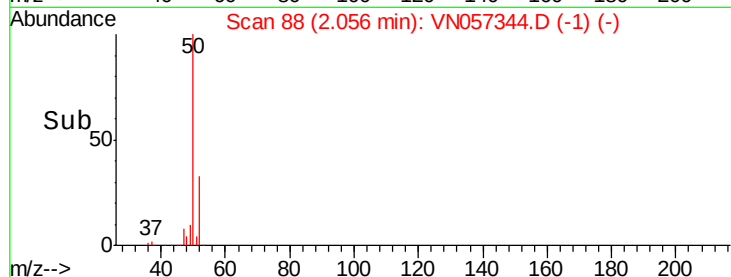
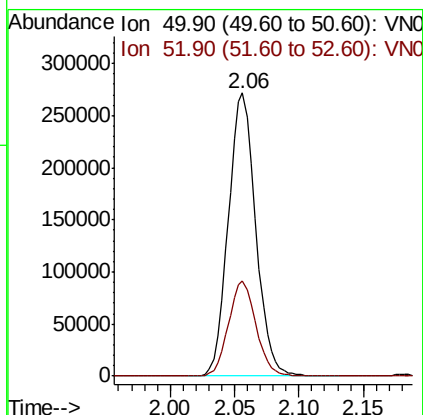
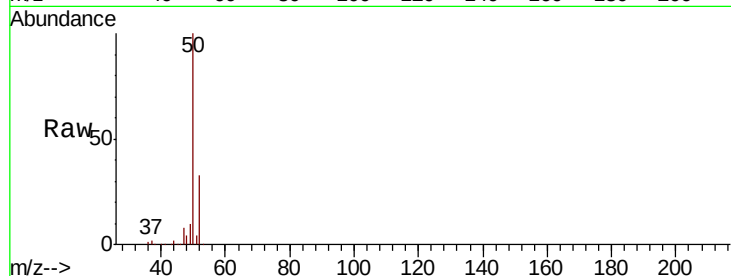
VSTDCCC050EC

Tgt Ion: 50 Resp: 400670

Ion Ratio Lower Upper

50 100

52 33.5 26.8 40.2



#4

Vinyl Chloride

Concen: 46.535 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057344.D

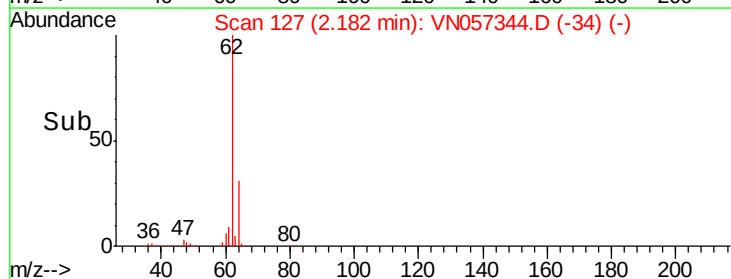
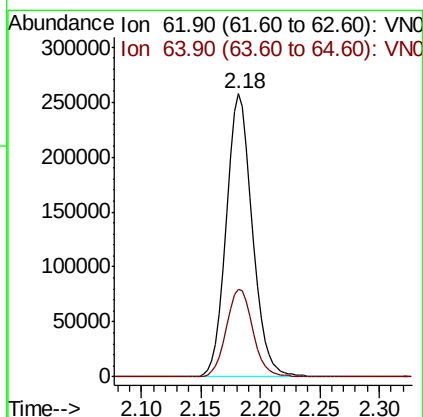
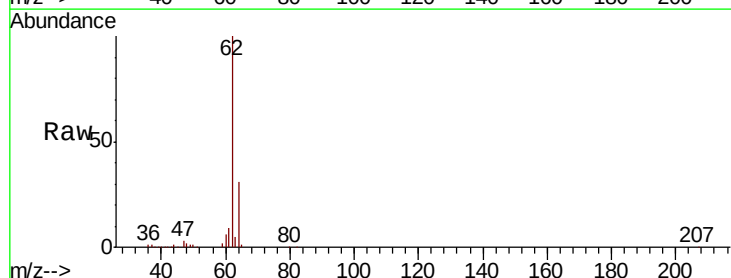
Acq: 15 Aug 2019 20:19

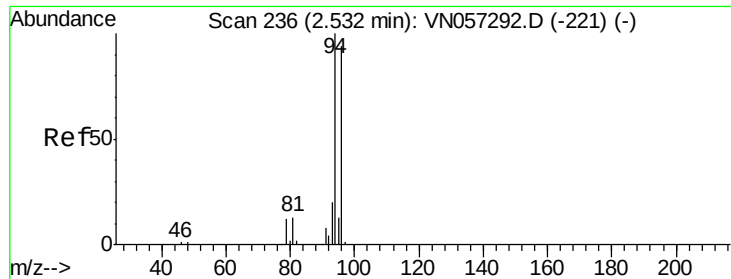
Tgt Ion: 62 Resp: 391183

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9





#5

Bromomethane

Concen: 45.706 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

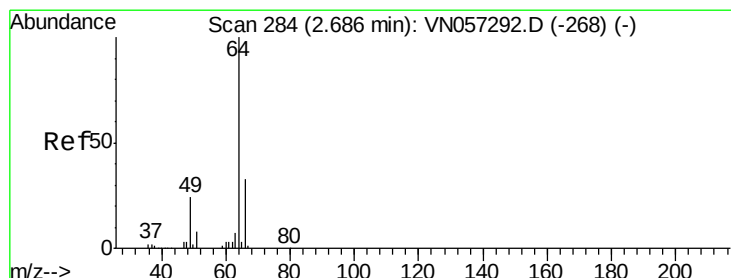
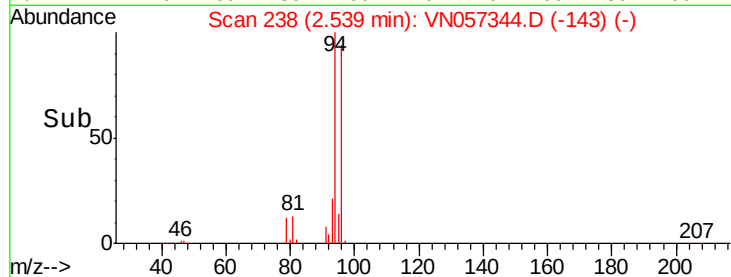
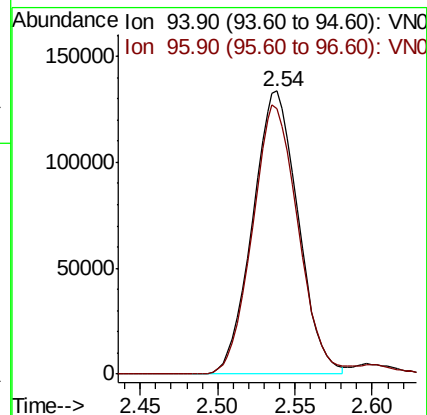
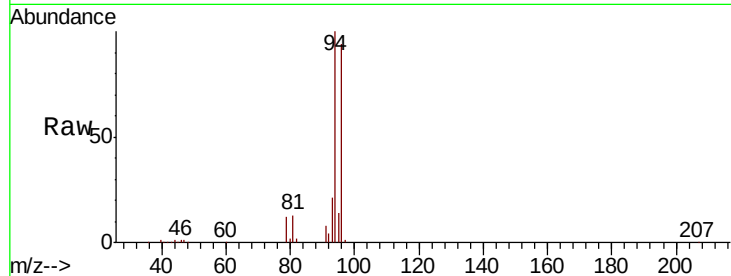
VSTDCCC050EC

Tgt Ion: 94 Resp: 273878

Ion Ratio Lower Upper

94 100

96 93.6 75.0 112.6



#6

Chloroethane

Concen: 46.846 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN057344.D

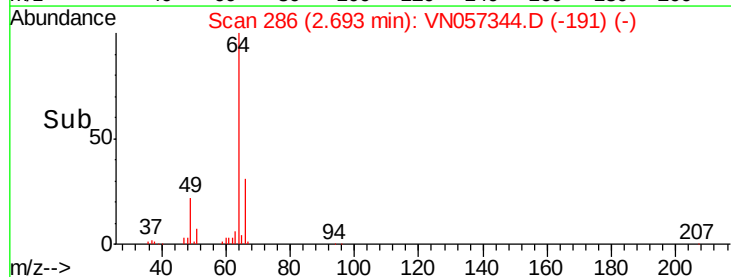
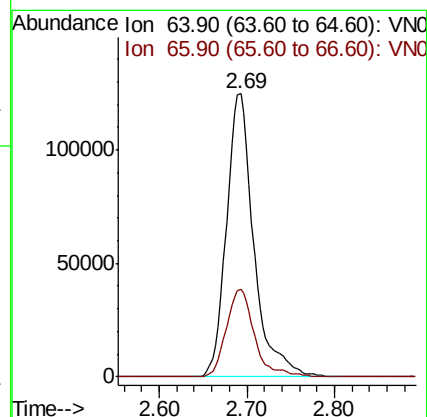
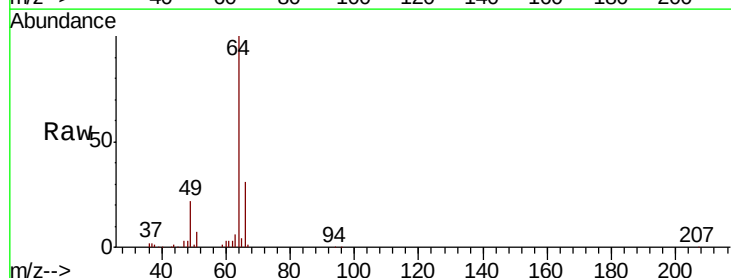
Acq: 15 Aug 2019 20:19

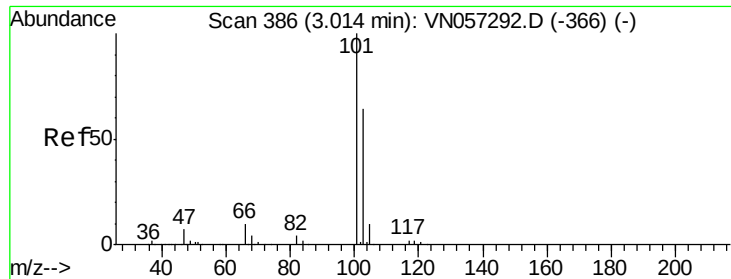
Tgt Ion: 64 Resp: 270876

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6



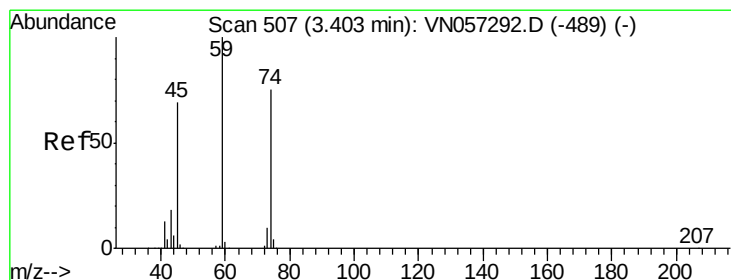
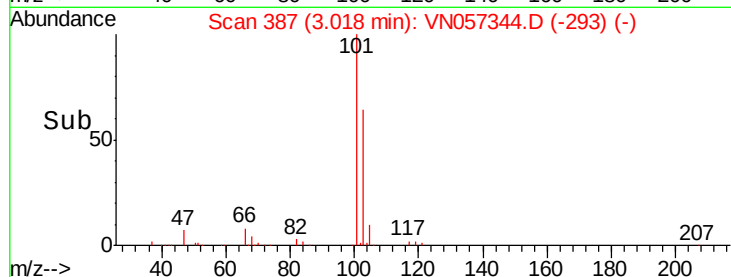
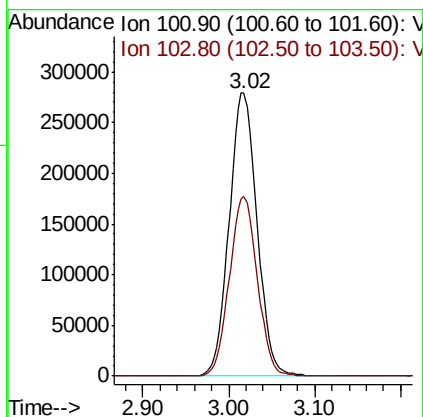
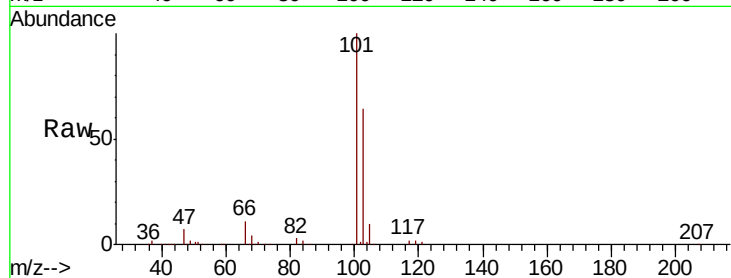


#7

Trichlorofluoromethane
 Concen: 47.633 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Instrument :
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 VSTDCCC050EC

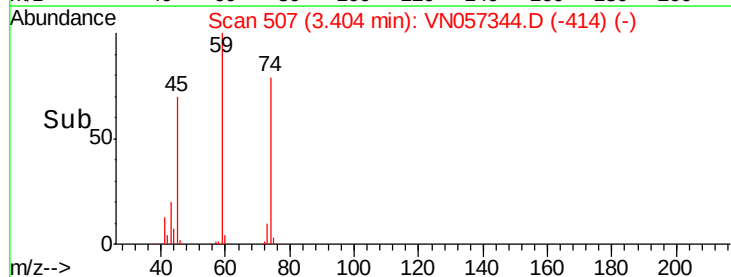
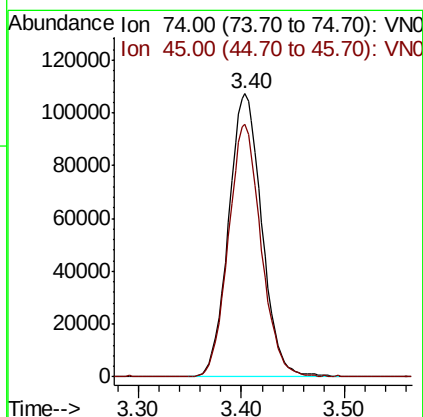
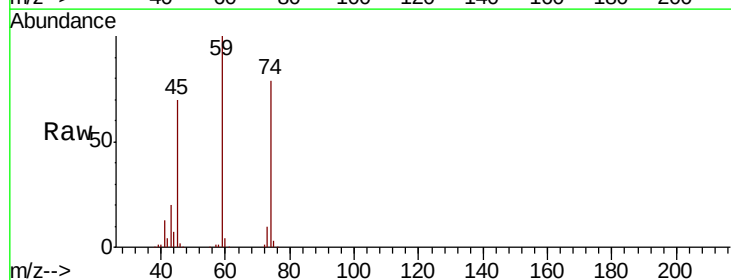
Tgt Ion:101 Resp: 628073
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.5 77.3

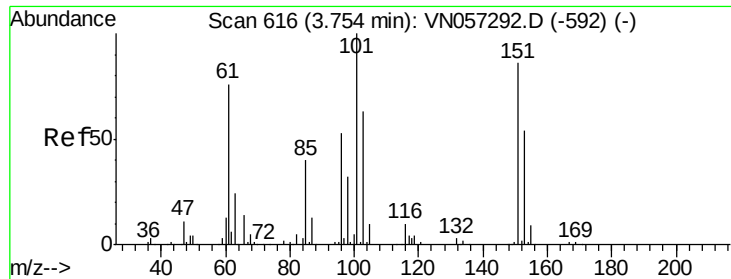


#8

Diethyl Ether
 Concen: 48.510 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 74 Resp: 240744
 Ion Ratio Lower Upper
 74 100
 45 87.3 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.630 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

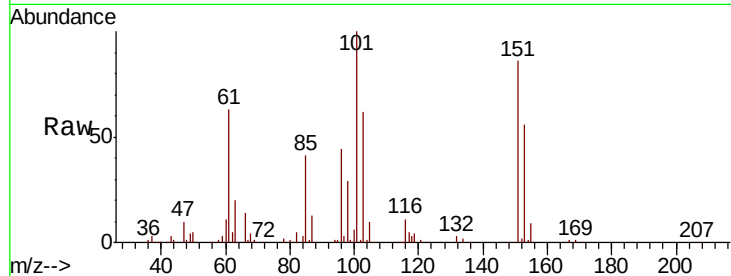
Tgt Ion:101 Resp: 368979

Ion Ratio Lower Upper

101 100

85 41.2 32.7 49.1

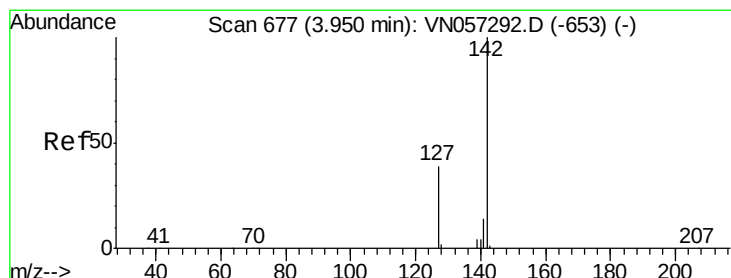
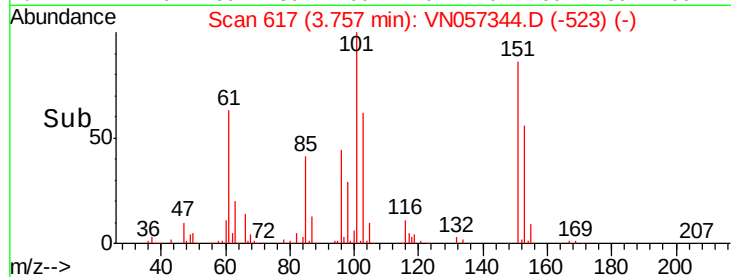
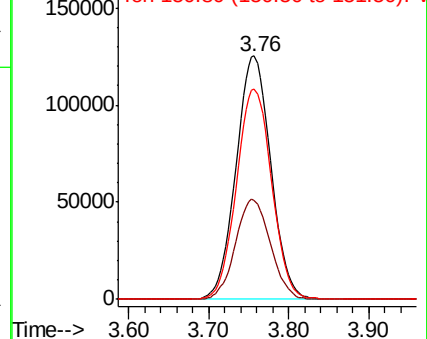
151 87.3 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.372 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

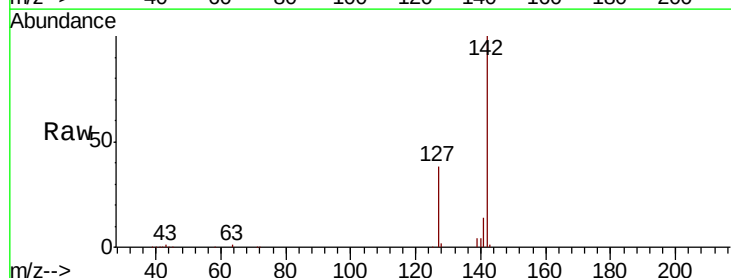
Tgt Ion:142 Resp: 623737

Ion Ratio Lower Upper

142 100

127 38.9 31.6 47.4

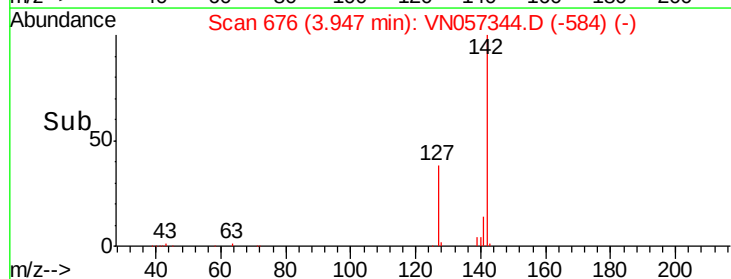
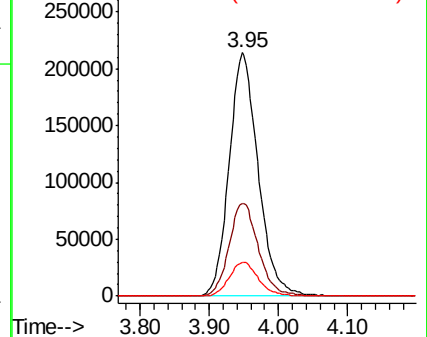
141 14.2 11.2 16.8

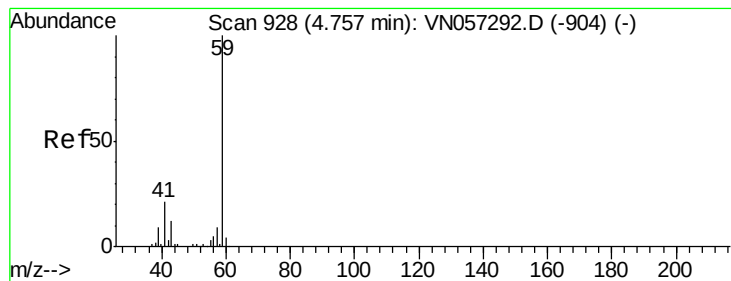


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



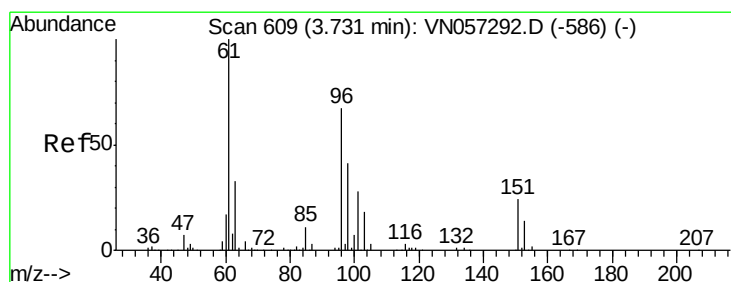
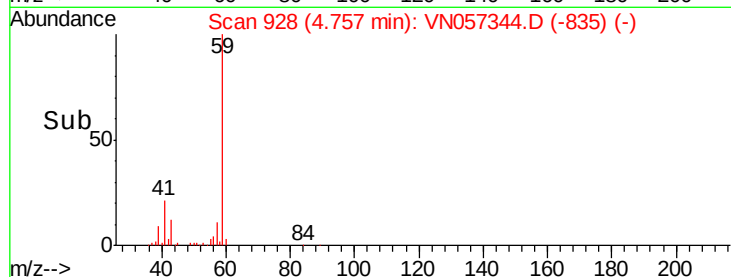
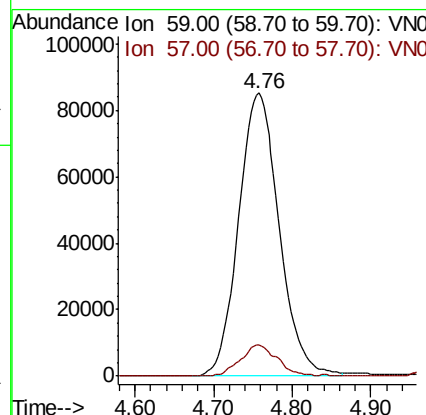
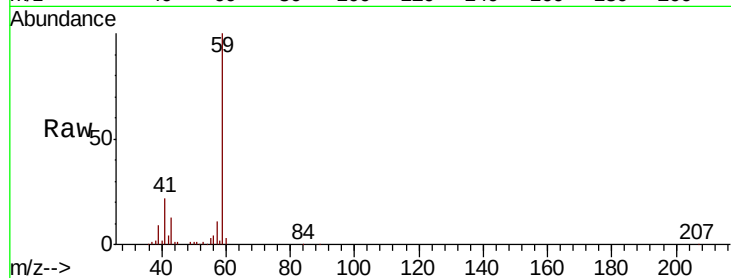


#11

Tert butyl alcohol
Concen: 226.693 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

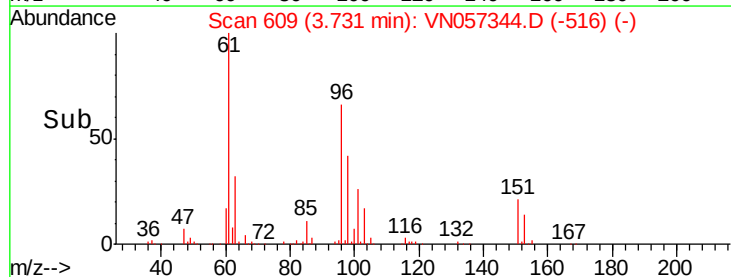
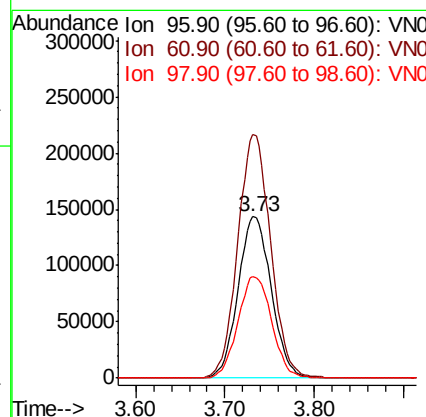
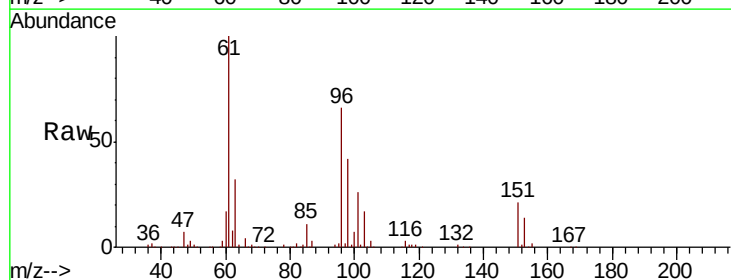
Tgt Ion: 59 Resp: 308210
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

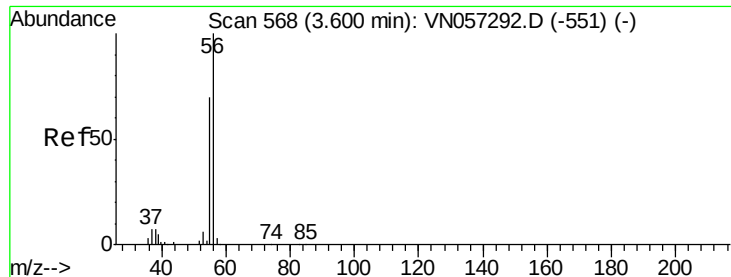


#12

1,1-Dichloroethene
Concen: 48.091 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 96 Resp: 371195
Ion Ratio Lower Upper
96 100
61 151.0 119.7 179.5
98 63.3 49.0 73.4





#13

Acrolein

Concen: 209.596 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

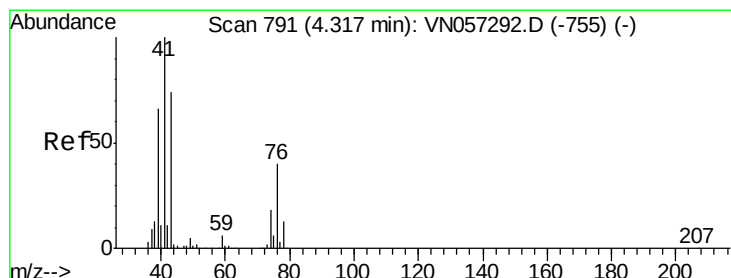
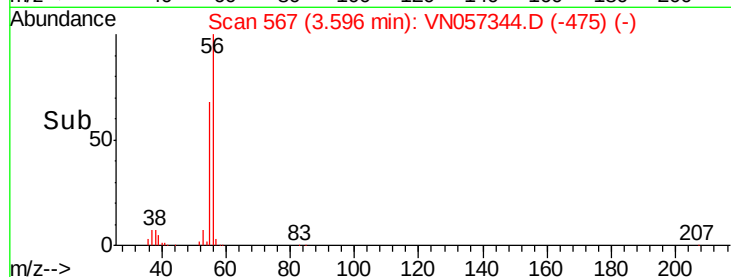
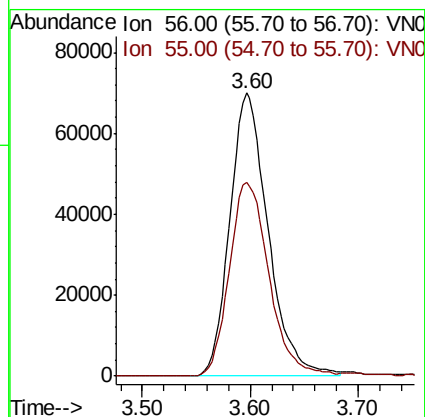
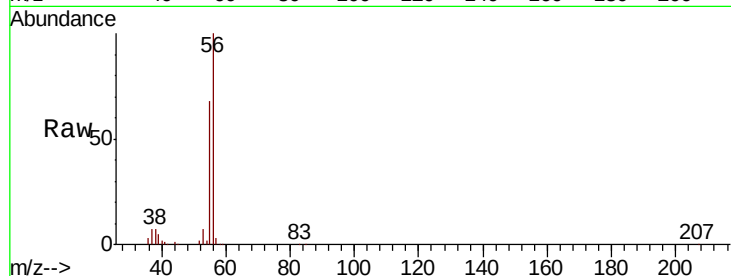
VSTDCCC050EC

Tgt Ion: 56 Resp: 172993

Ion Ratio Lower Upper

56 100

55 71.0 56.6 84.8



#14

Allyl chloride

Concen: 42.540 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

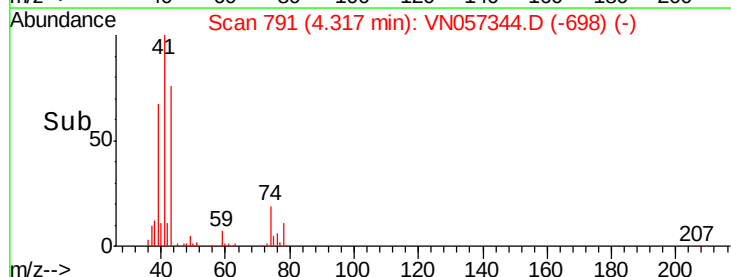
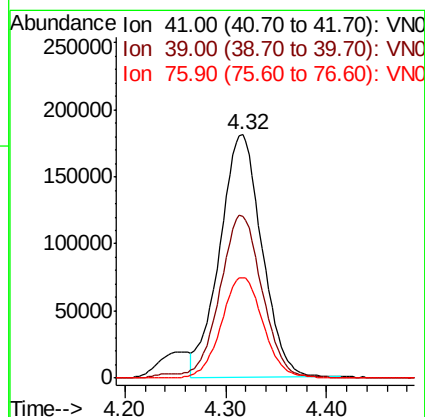
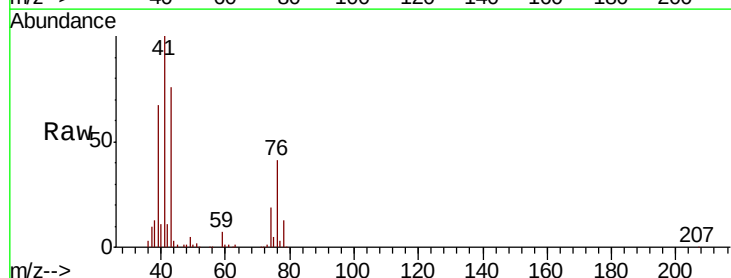
Tgt Ion: 41 Resp: 526332

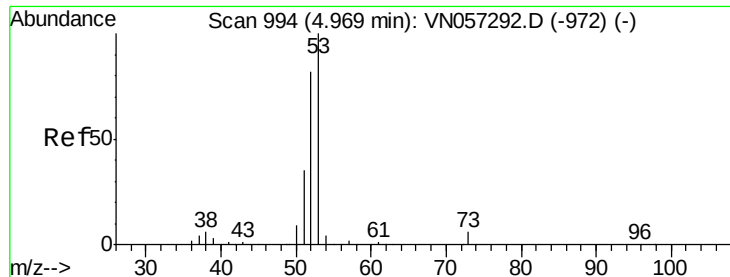
Ion Ratio Lower Upper

41 100

39 66.9 49.0 73.6

76 40.7 29.0 43.4





#15

Acrylonitrile

Concen: 238.754 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

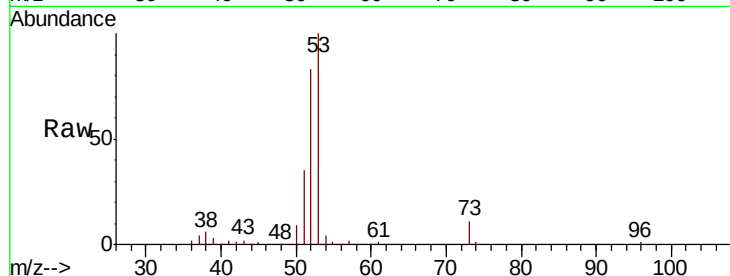
Tgt Ion: 53 Resp: 881281

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

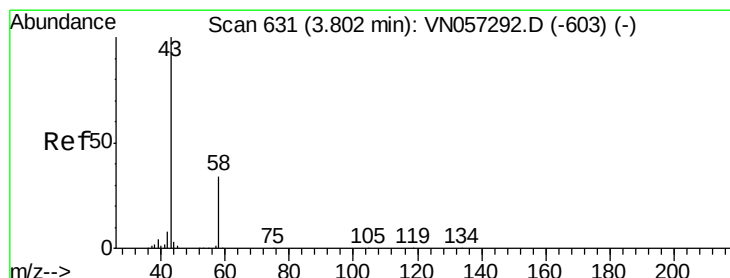
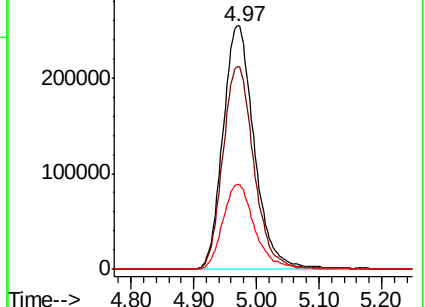
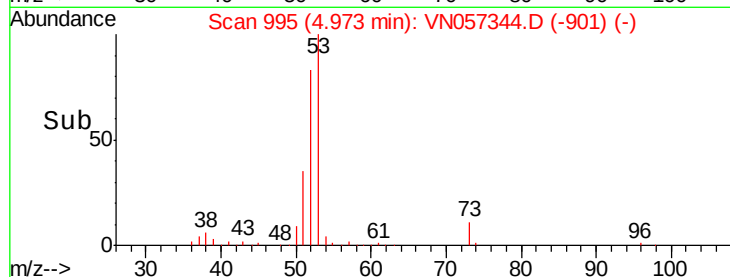
51 35.5 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN057344.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN057344.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN057344.D (-901) (-)



#16

Acetone

Concen: 203.559 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057344.D

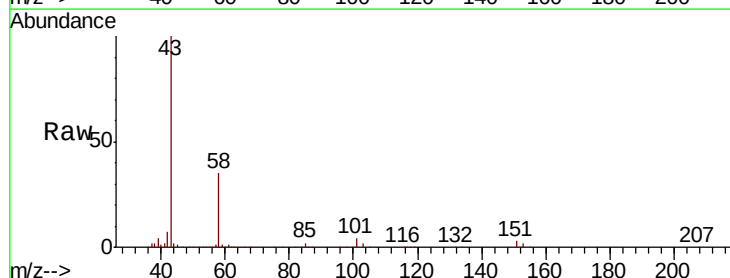
Acq: 15 Aug 2019 20:19

Tgt Ion: 43 Resp: 675323

Ion Ratio Lower Upper

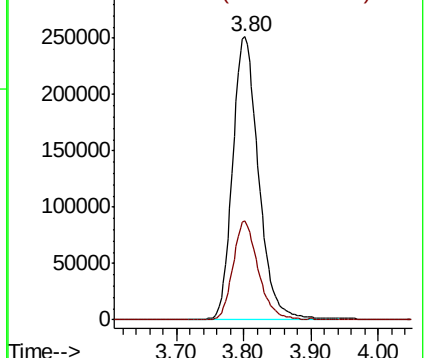
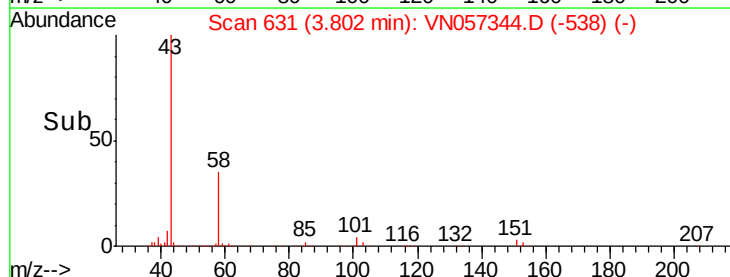
43 100

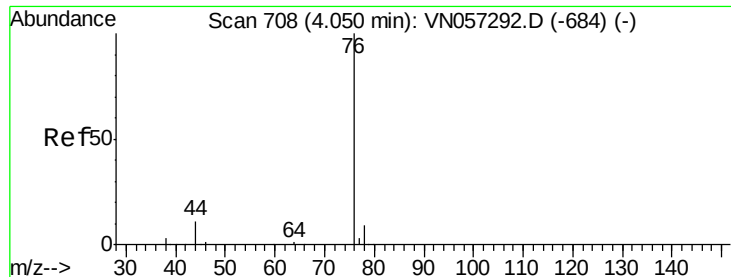
58 34.9 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057344.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057344.D (-538) (-)





#17

Carbon Disulfide

Concen: 46.190 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

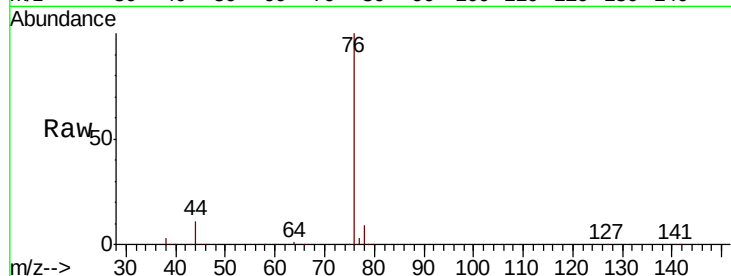
VSTDCCC050EC

Tgt Ion: 76 Resp: 960504

Ion Ratio Lower Upper

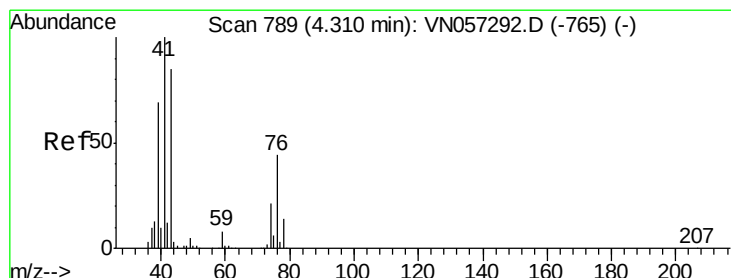
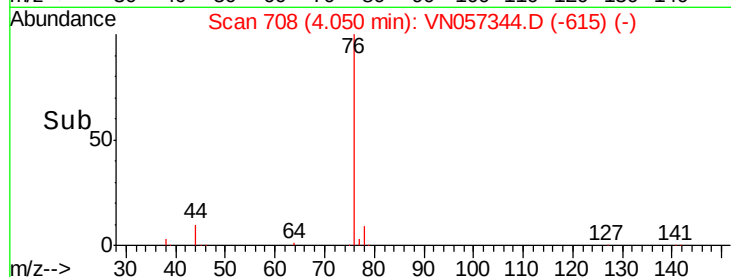
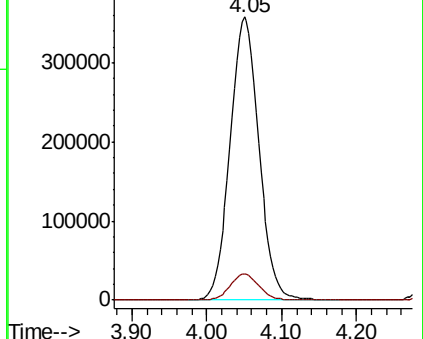
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 48.114 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN057344.D

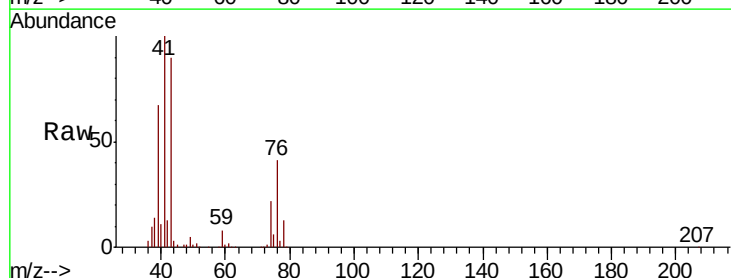
Acq: 15 Aug 2019 20:19

Tgt Ion: 43 Resp: 427317

Ion Ratio Lower Upper

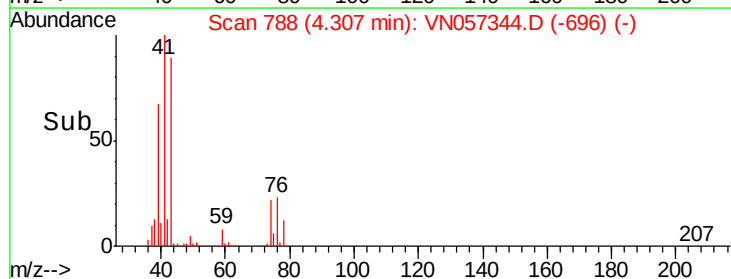
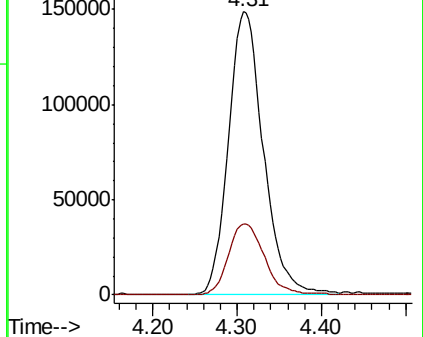
43 100

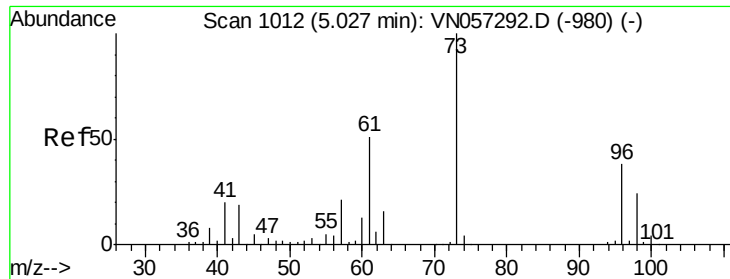
74 25.9 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

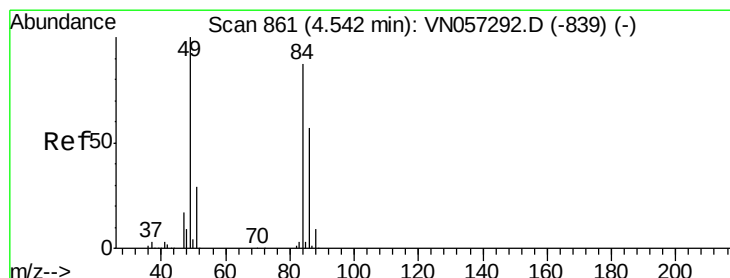
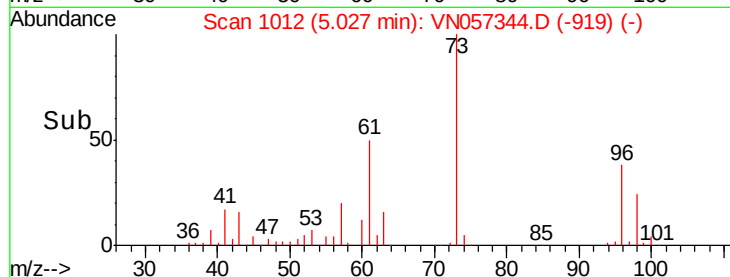
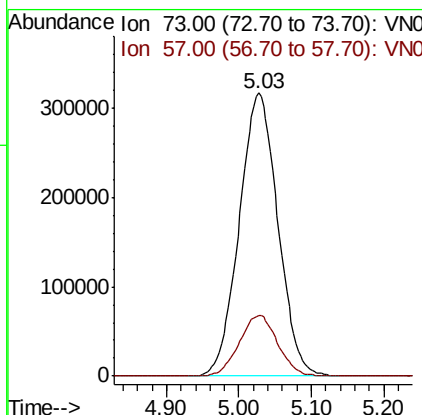
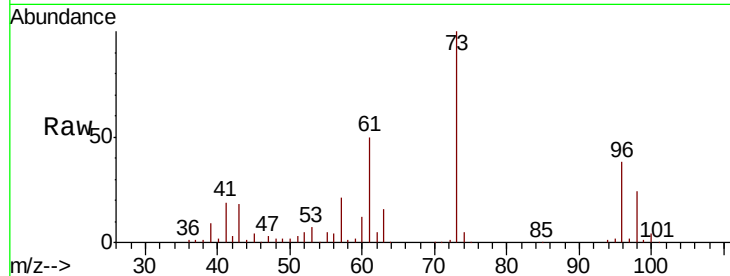




#19
Methyl tert-butyl Ether
Concen: 48.398 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

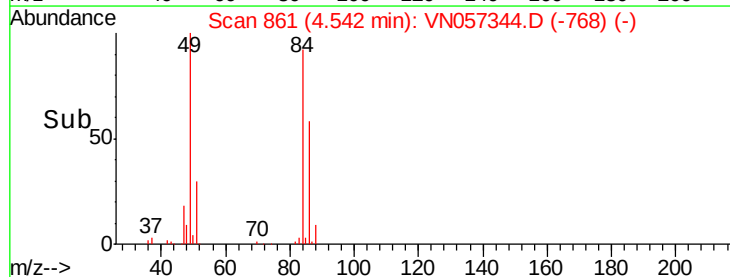
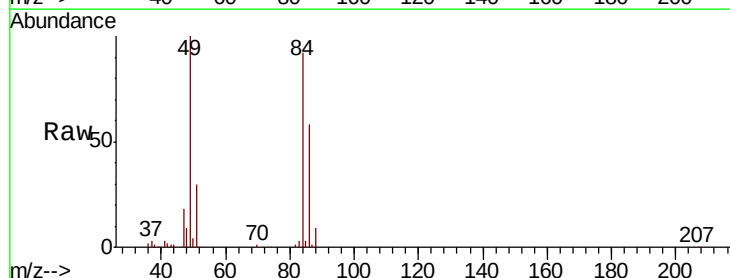
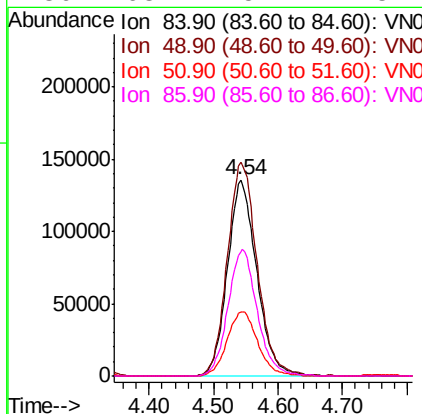
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

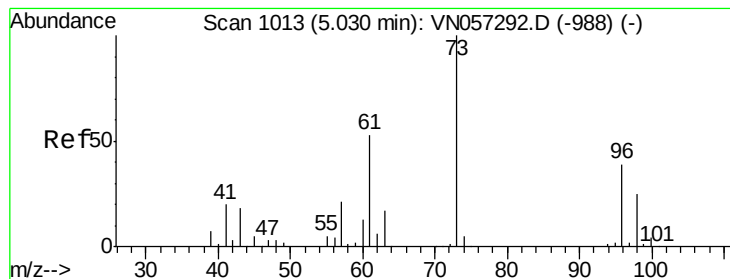
Tgt Ion: 73 Resp: 1172175
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3



#20
Methylene Chloride
Concen: 46.255 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 84 Resp: 429356
Ion Ratio Lower Upper
84 100
49 109.1 92.0 138.0
51 32.8 27.1 40.7
86 63.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.658 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

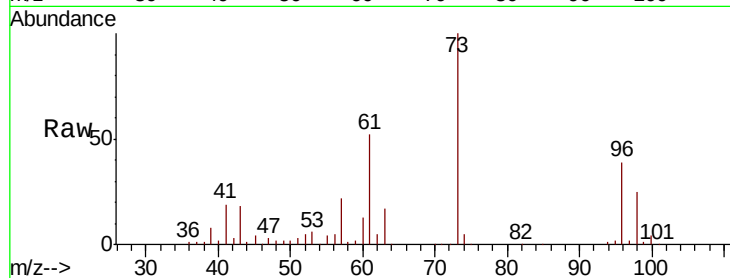
Tgt Ion: 96 Resp: 395586

Ion Ratio Lower Upper

96 100

61 130.8 109.5 164.3

98 64.1 51.0 76.6

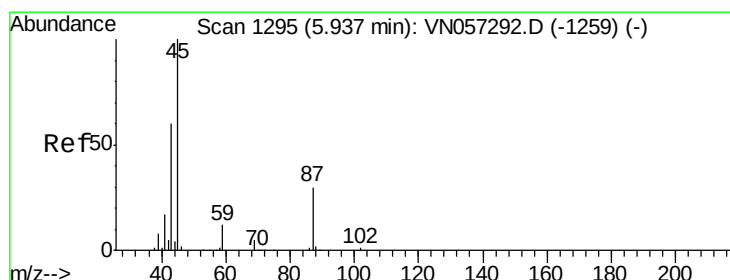
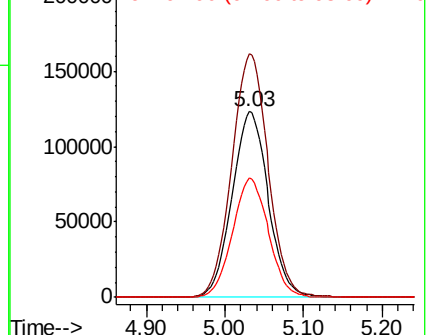
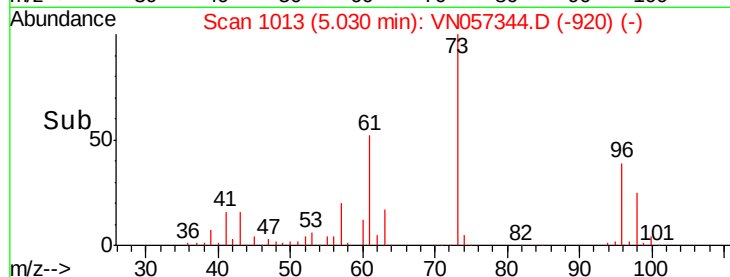


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.593 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Tgt Ion: 45 Resp: 1163230

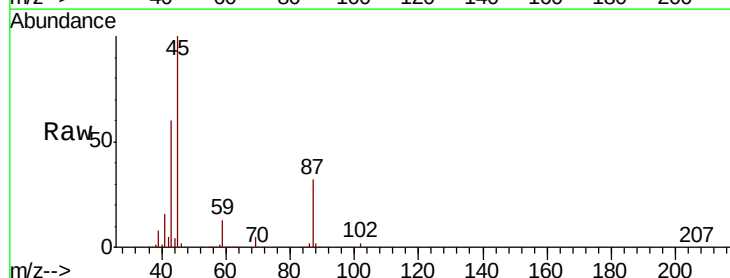
Ion Ratio Lower Upper

45 100

43 60.1 48.3 72.5

87 31.6 24.6 36.8

59 12.5 9.8 14.8



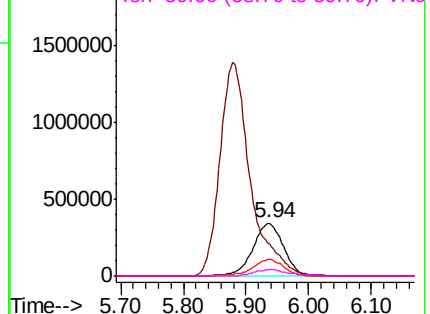
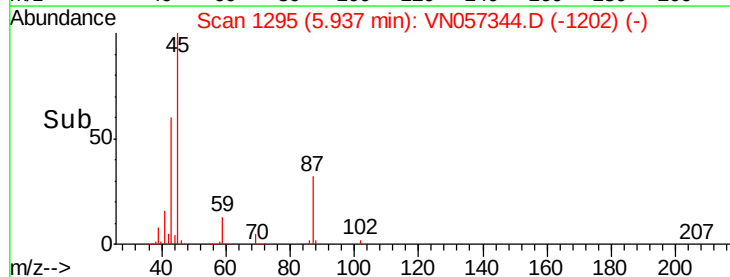
Abundance

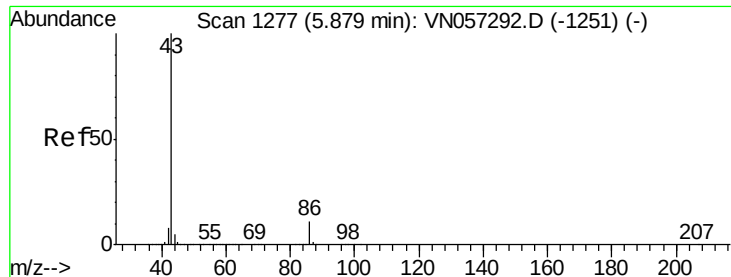
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 237.682 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

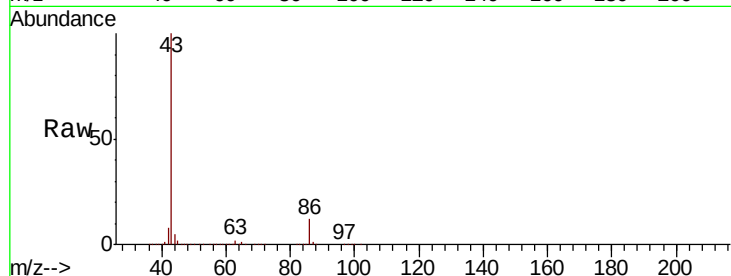
VSTDCCC050EC

Tgt Ion: 43 Resp: 4675337

Ion Ratio Lower Upper

43 100

86 11.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1251) (-)

Ion 86.00 (85.70 to 86.70): VN057292.D (-1251) (-)

5.88

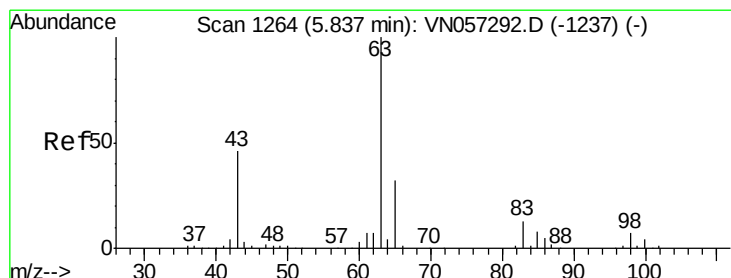
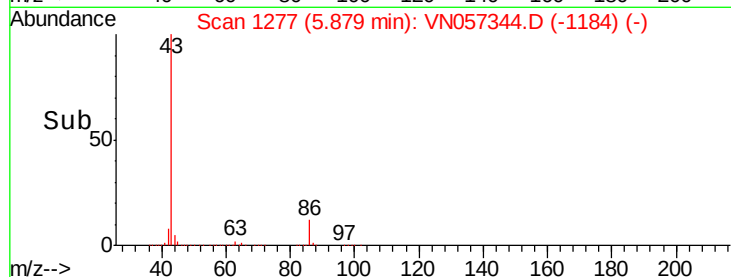
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.536 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

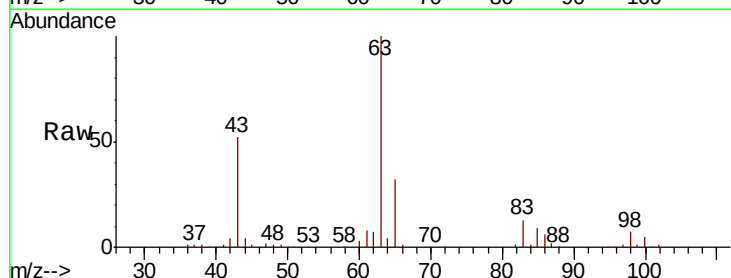
Tgt Ion: 63 Resp: 714807

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN057292.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN057292.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN057292.D (-1237) (-)

5.84

300000

250000

200000

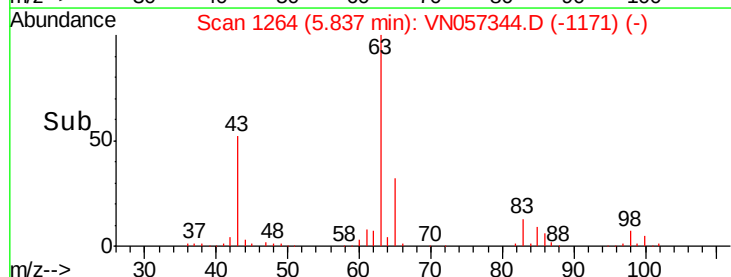
150000

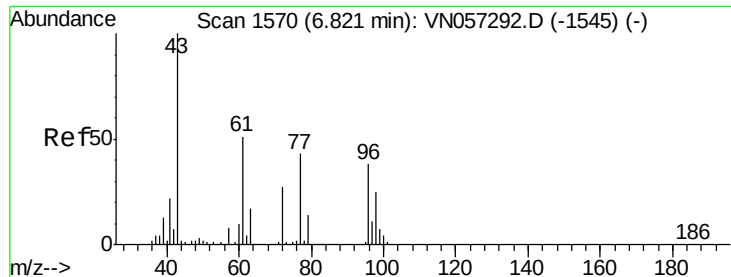
100000

50000

0

Time-->





#25

2-Butanone

Concen: 224.341 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

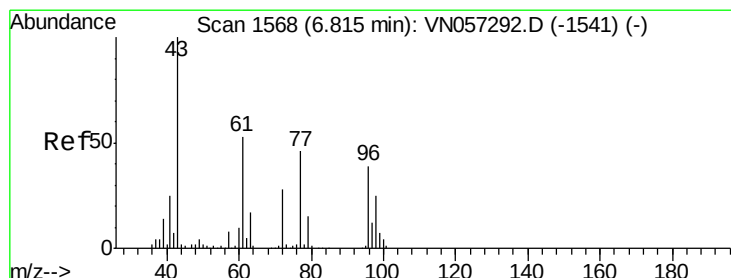
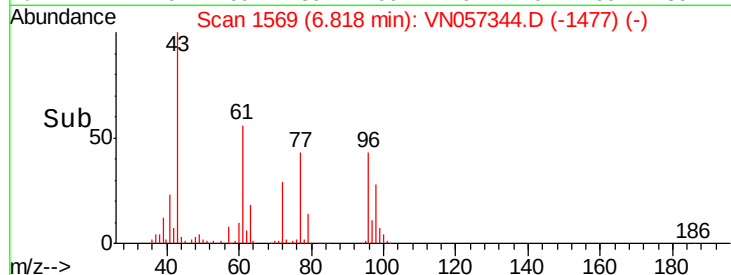
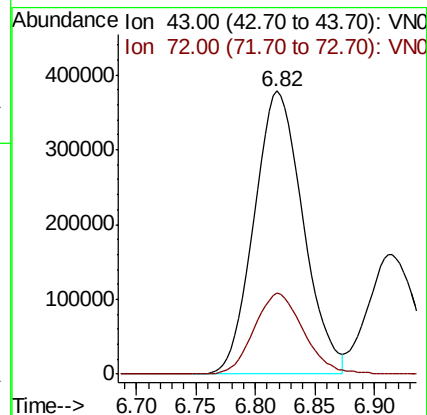
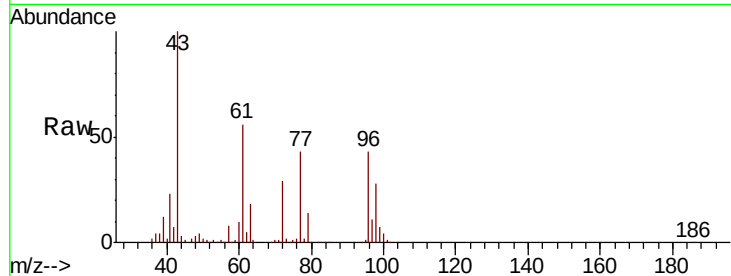
VSTDCCC050EC

Tgt Ion: 43 Resp: 1077776

Ion Ratio Lower Upper

43 100

72 28.6 21.5 32.3



#26

2,2-Dichloropropane

Concen: 43.711 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057344.D

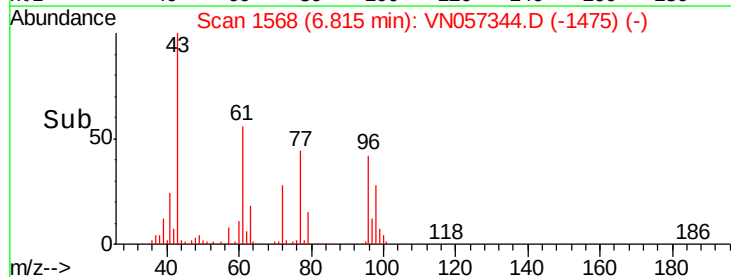
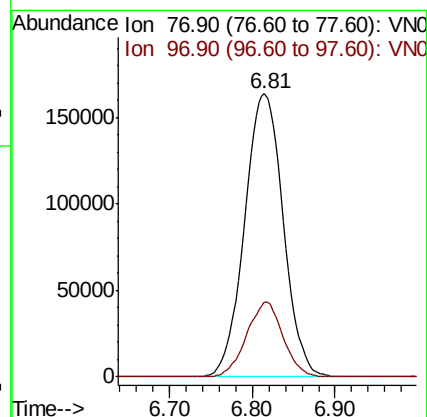
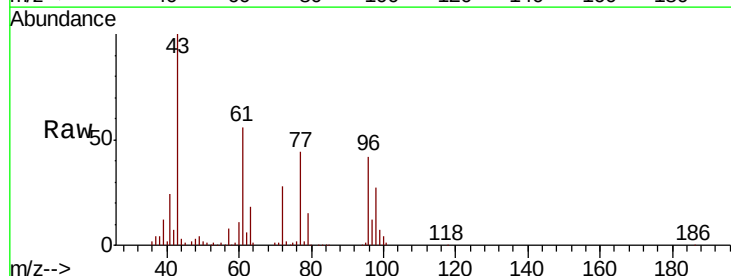
Acq: 15 Aug 2019 20:19

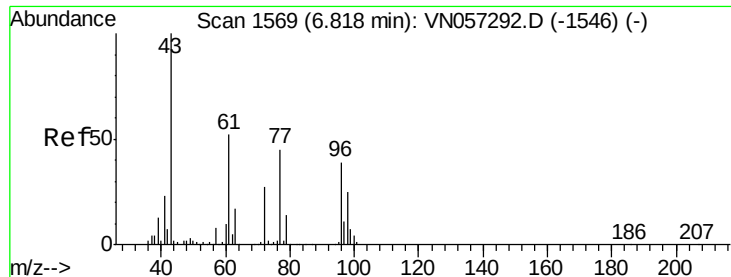
Tgt Ion: 77 Resp: 531200

Ion Ratio Lower Upper

77 100

97 24.9 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 47.594 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

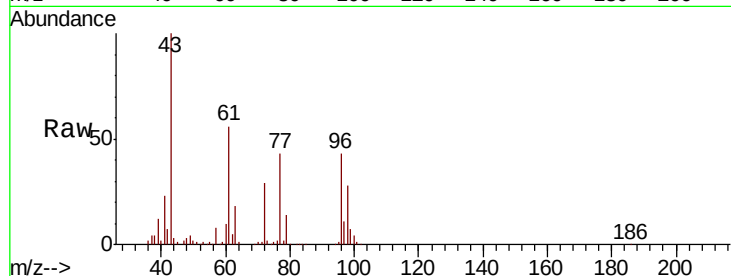
Tgt Ion: 96 Resp: 467700

Ion Ratio Lower Upper

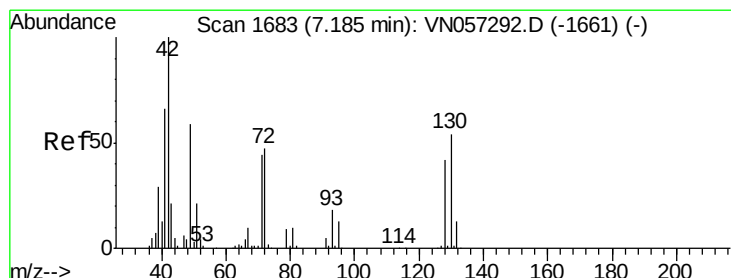
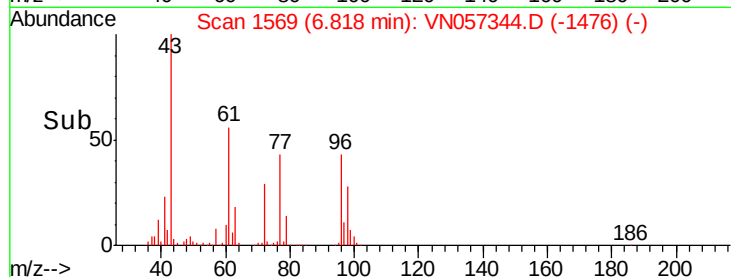
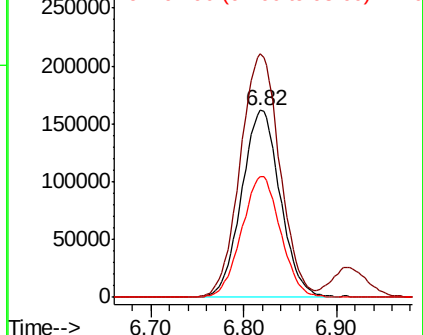
96 100

61 133.7 0.0 272.0

98 65.2 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.702 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

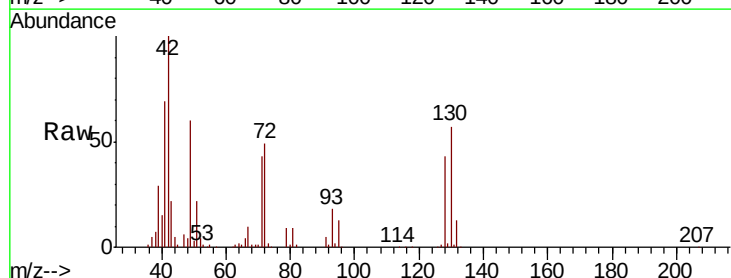
Tgt Ion: 49 Resp: 325388

Ion Ratio Lower Upper

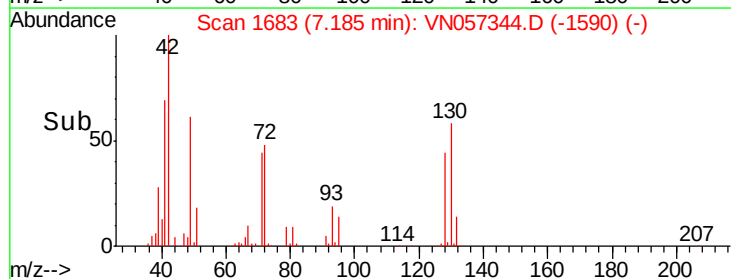
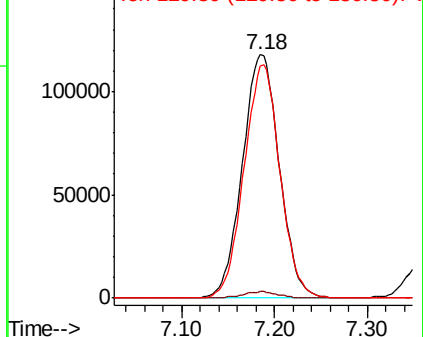
49 100

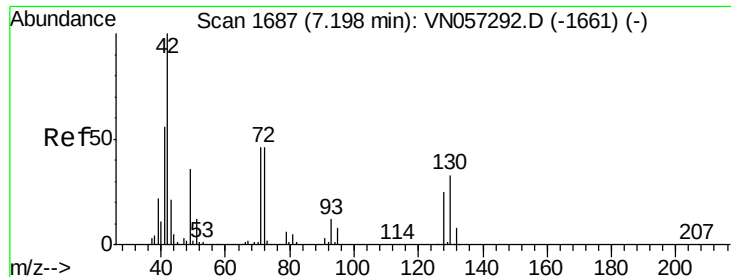
129 2.5 0.0 2.0#

130 93.5 73.2 109.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

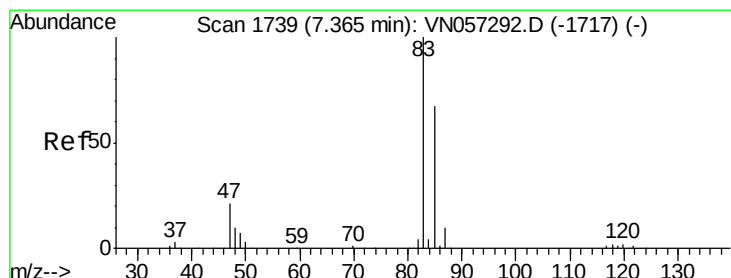
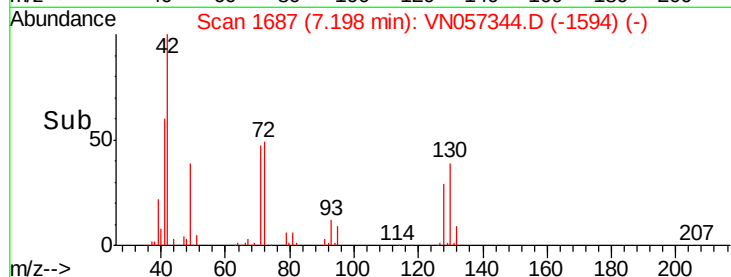
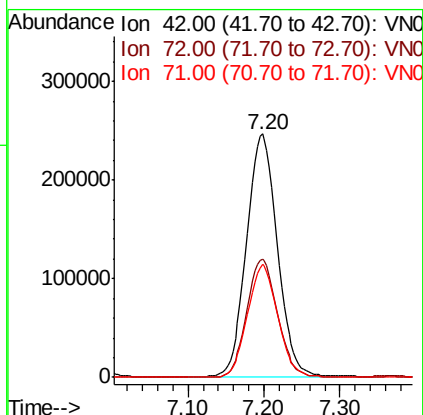
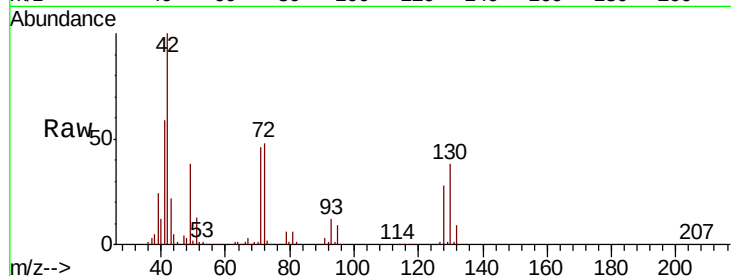




#29
Tetrahydrofuran
Concen: 230.181 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

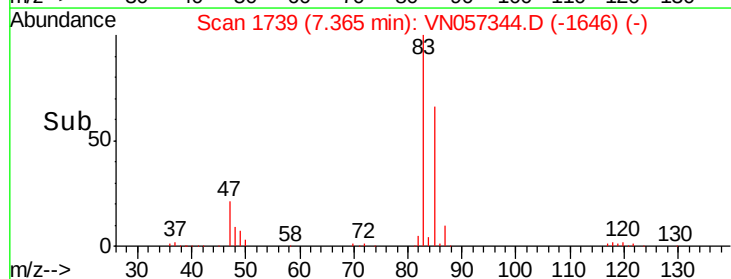
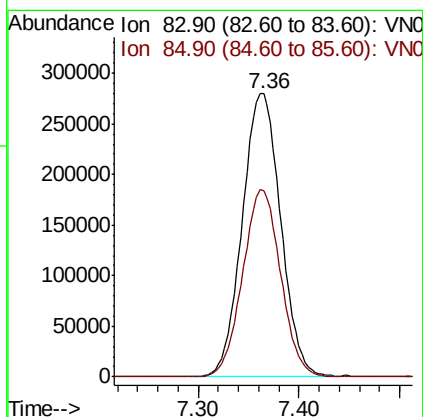
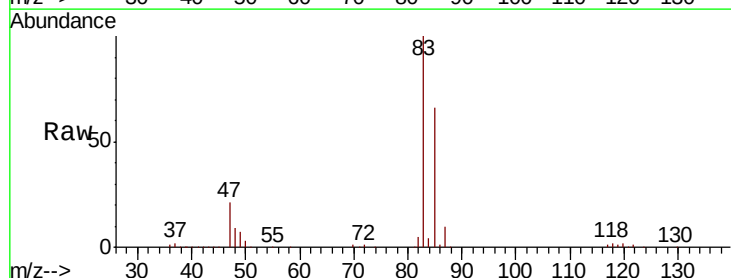
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

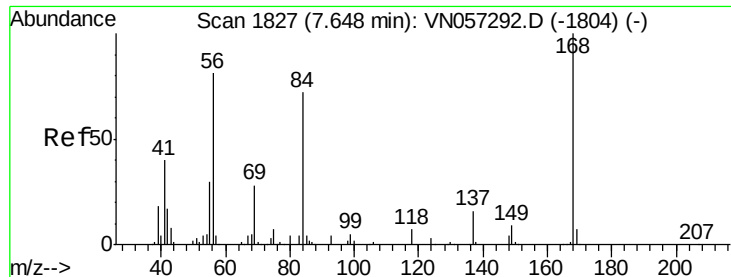
Tgt Ion: 42 Resp: 699828
Ion Ratio Lower Upper
42 100
72 48.3 37.8 56.6
71 45.4 35.7 53.5



#30
Chloroform
Concen: 46.979 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 83 Resp: 740307
Ion Ratio Lower Upper
83 100
85 65.9 53.3 79.9

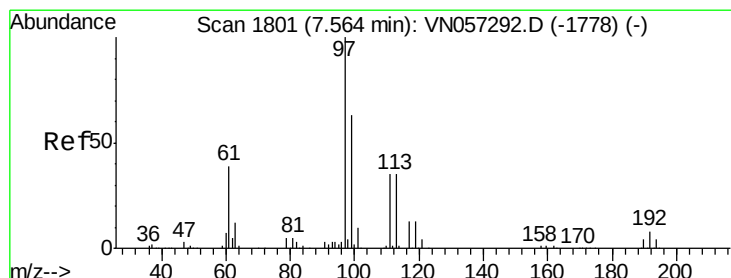
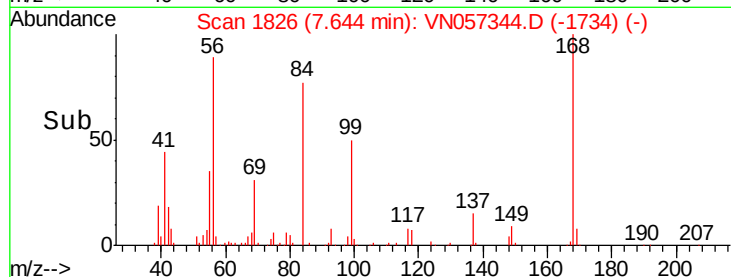
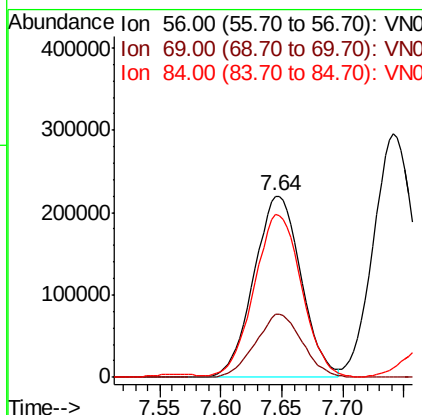
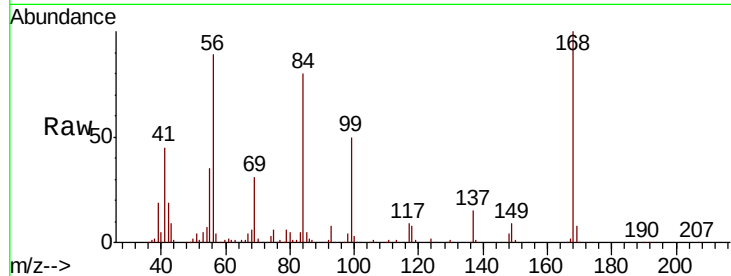




#31
Cyclohexane
Concen: 45.439 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

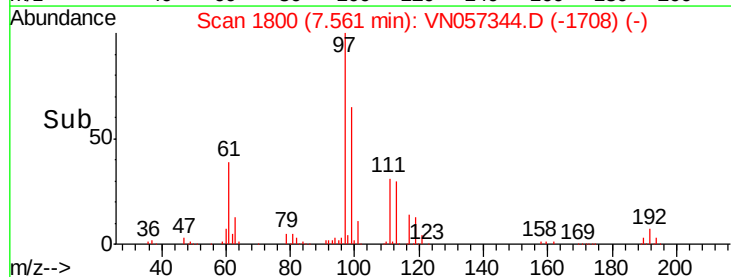
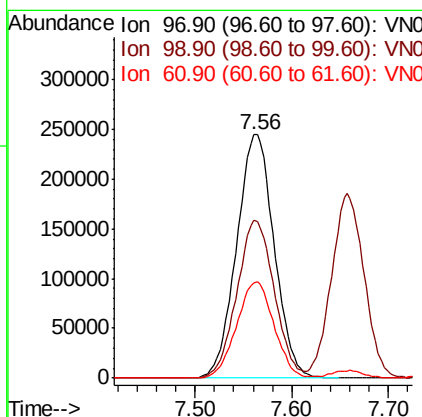
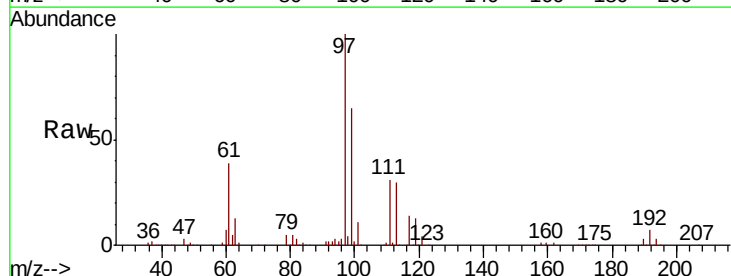
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

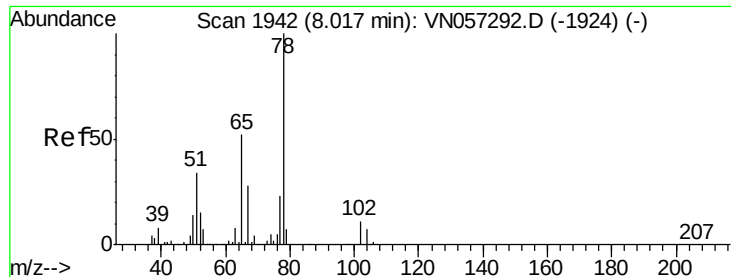
Tgt Ion: 56 Resp: 592121
Ion Ratio Lower Upper
56 100
69 34.6 27.3 40.9
84 88.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 49.795 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 97 Resp: 659984
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 39.4 31.3 46.9

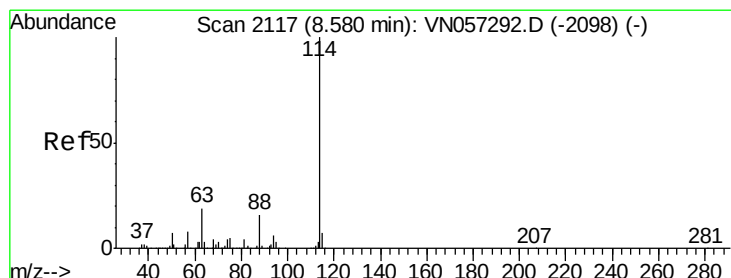
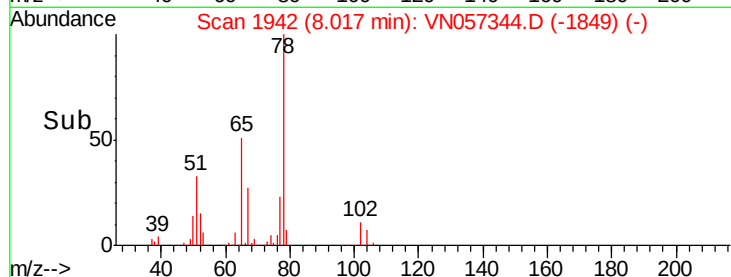
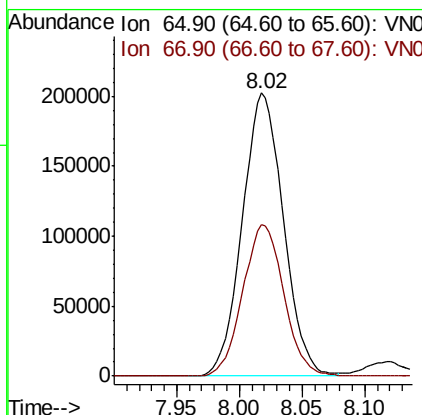
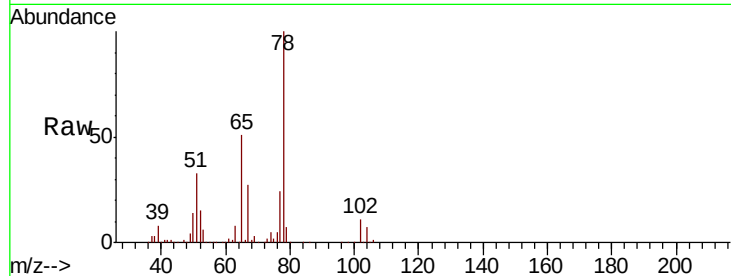




#33
 1,2-Dichloroethane-d4
 Concen: 48.279 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

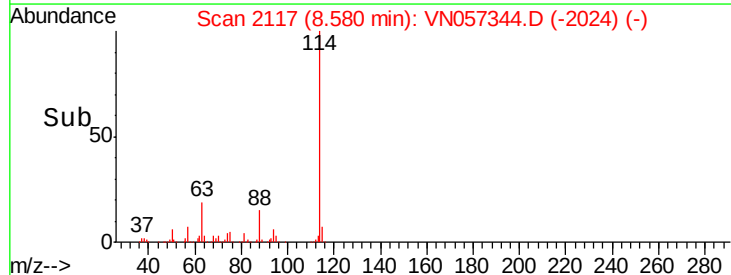
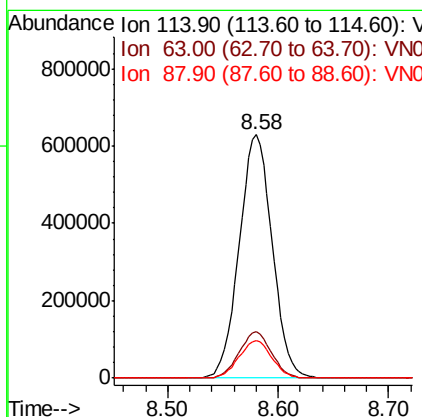
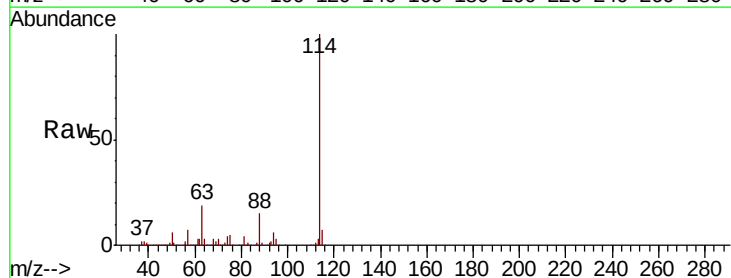
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

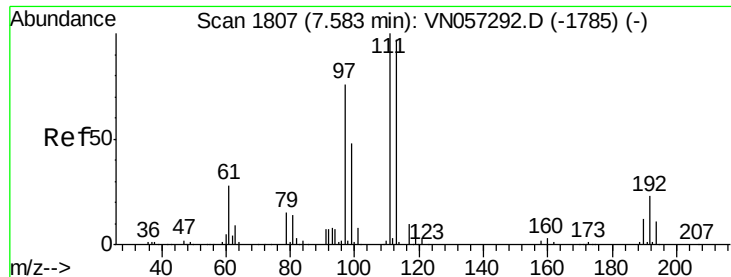
Tgt Ion: 65 Resp: 461722
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 114 Resp: 1302864
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.2 0.0 31.4

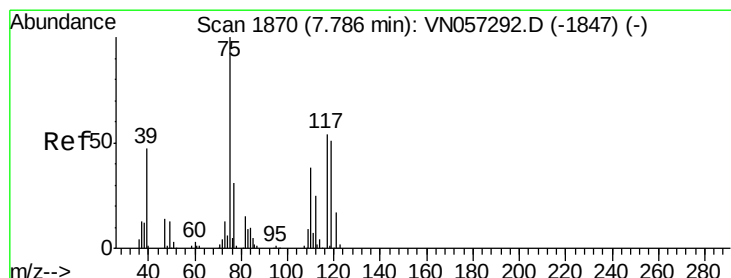
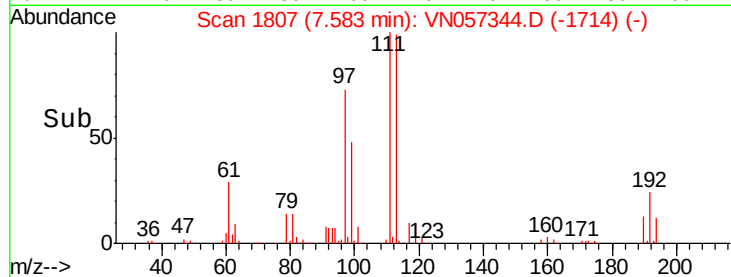
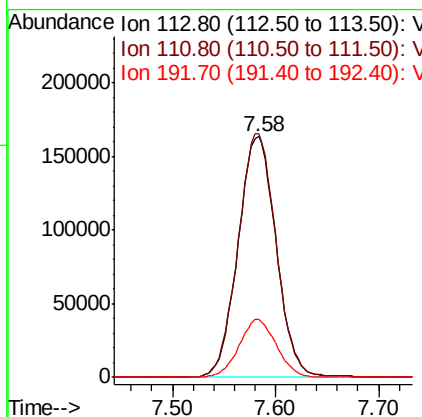
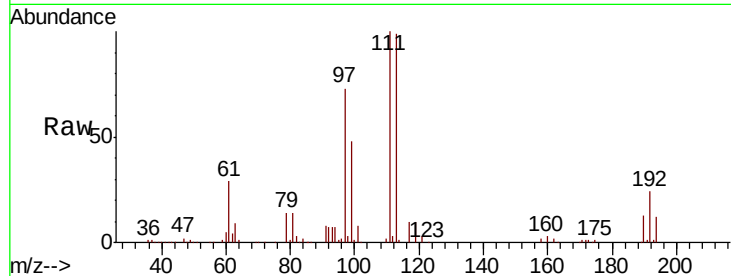




#35
 Dibromofluoromethane
 Concen: 49.169 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

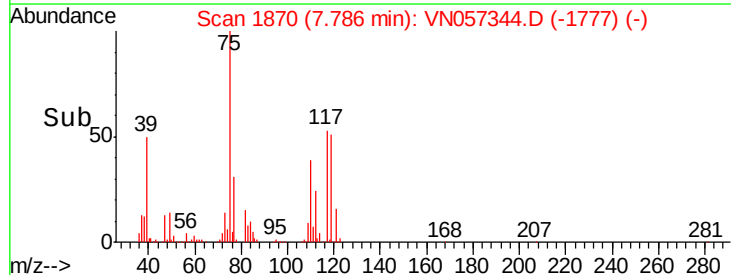
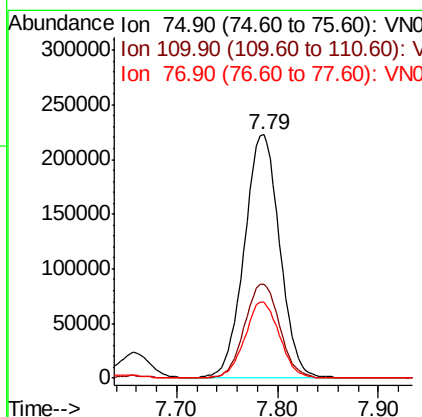
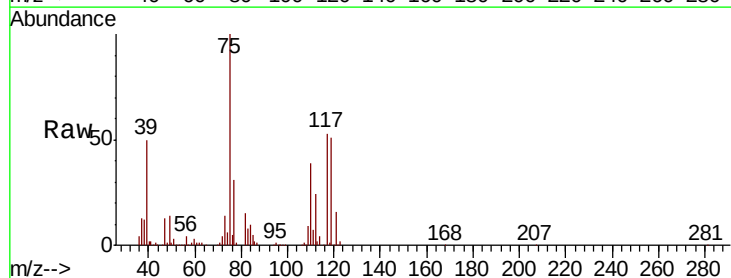
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

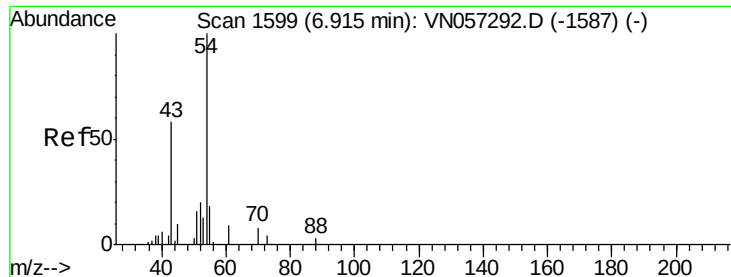
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.1	123.1
192	23.6	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 46.809 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.5	58.5
77	31.0	25.0	37.6

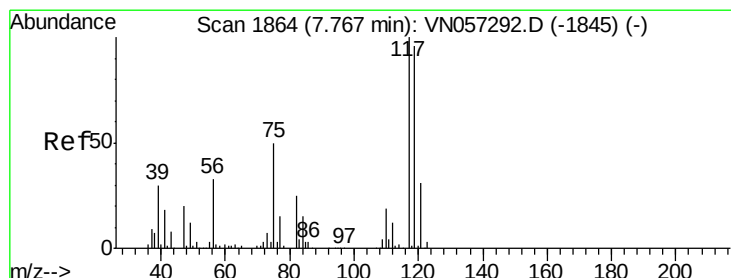
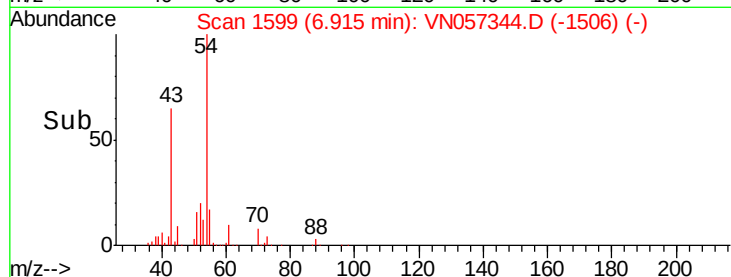
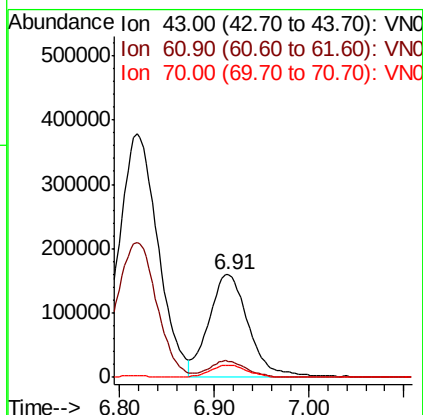
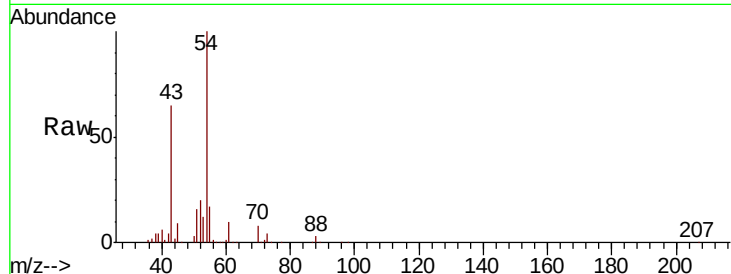




#37
 Ethyl Acetate
 Concen: 48.532 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

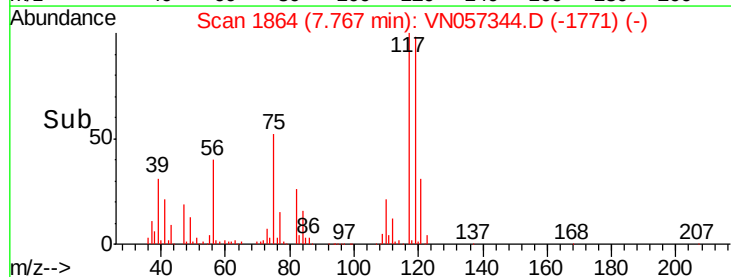
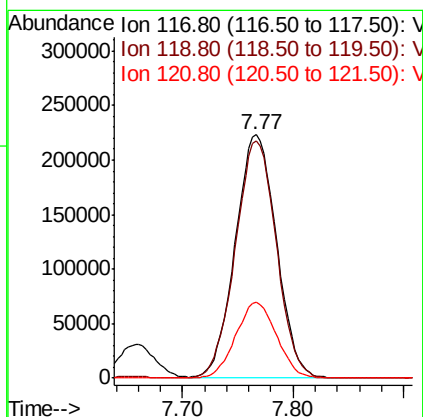
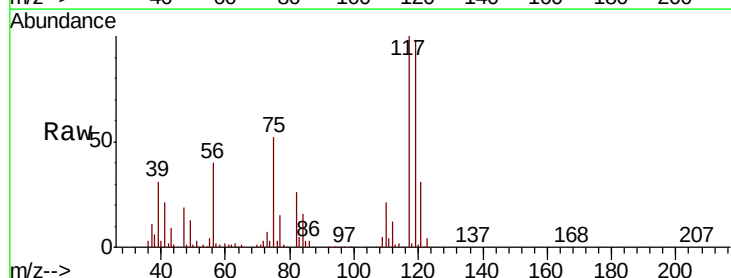
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

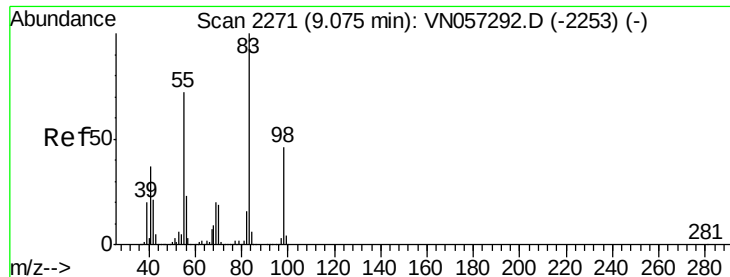
Tgt Ion: 43 Resp: 457259
 Ion Ratio Lower Upper
 43 100
 61 15.3 12.0 18.0
 70 11.2 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 48.324 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 117 Resp: 577576
 Ion Ratio Lower Upper
 117 100
 119 97.5 76.8 115.2
 121 31.0 25.0 37.4

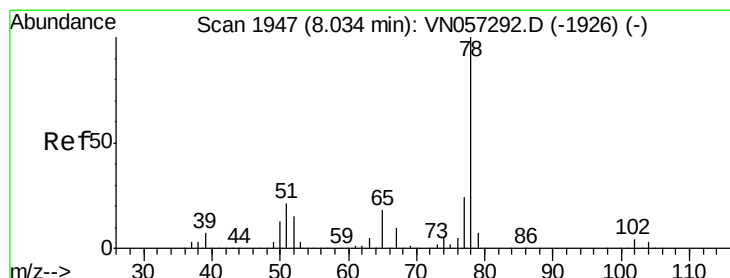
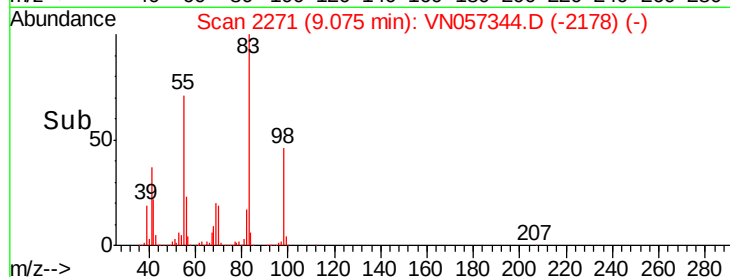
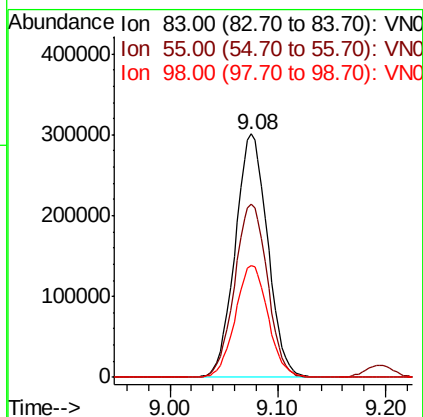
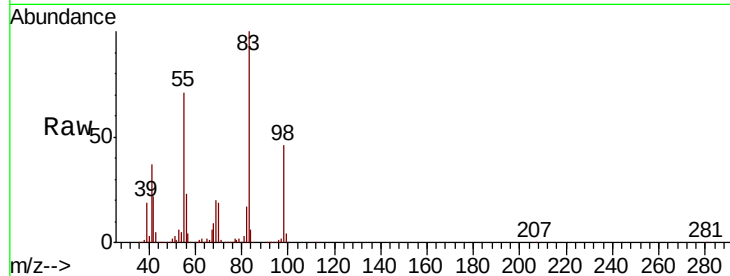




#39
Methylcyclohexane
Concen: 46.928 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

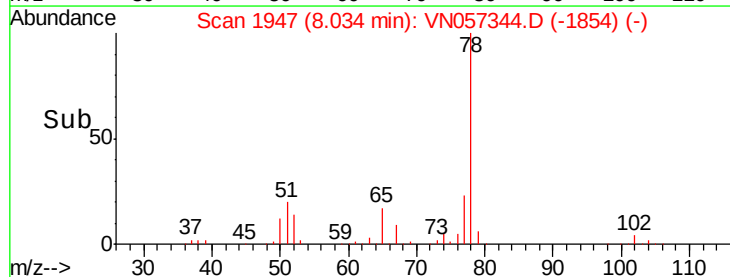
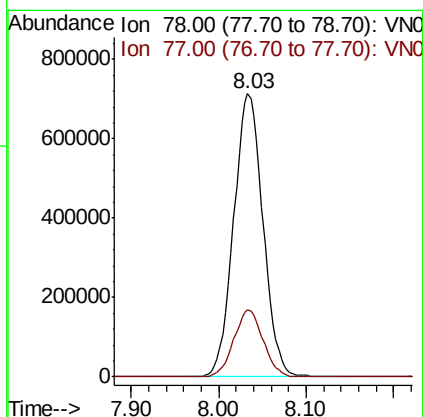
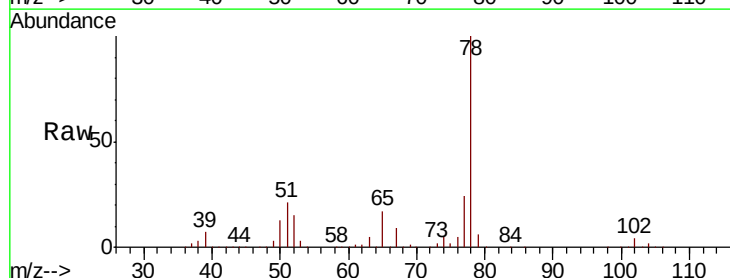
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

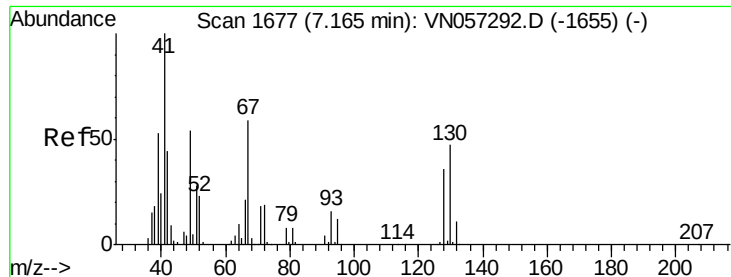
Tgt Ion: 83 Resp: 630349
Ion Ratio Lower Upper
83 100
55 71.0 57.5 86.3
98 46.1 36.6 55.0



#40
Benzene
Concen: 47.217 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 78 Resp: 1661310
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

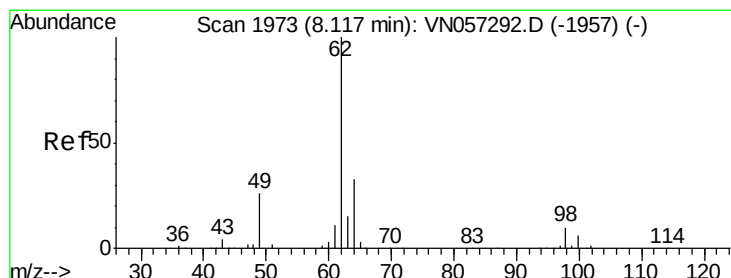
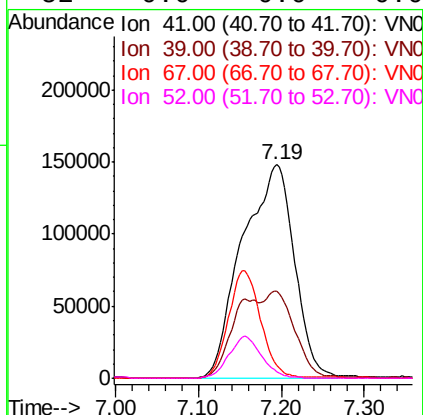
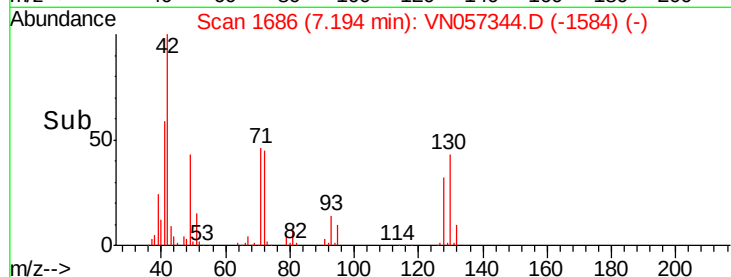
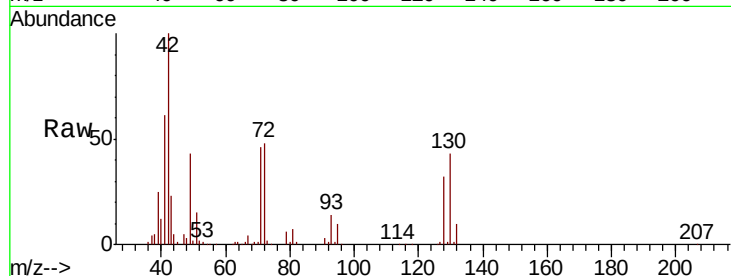




#41
Methacrylonitrile
Concen: 152.219 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

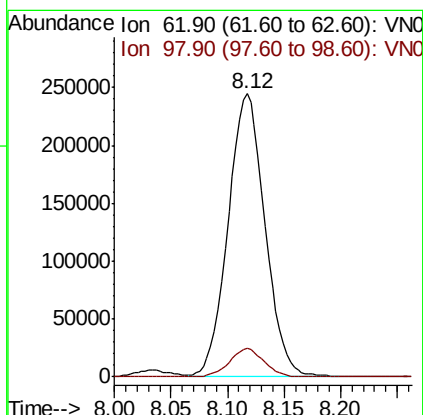
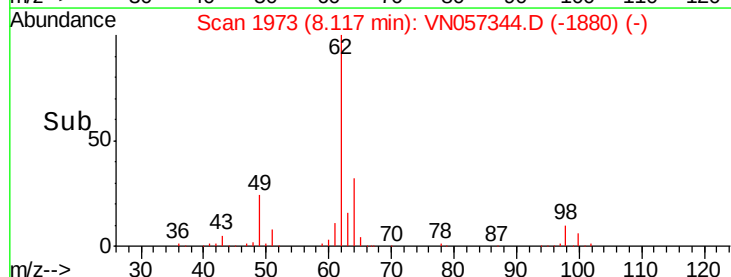
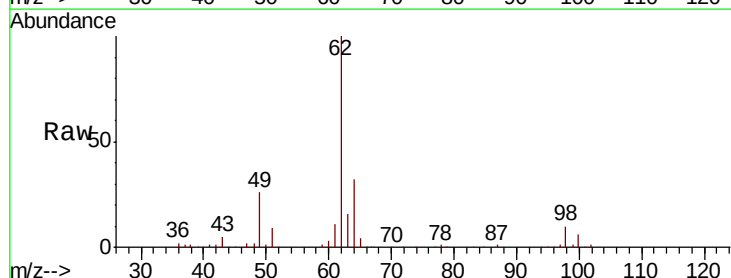
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

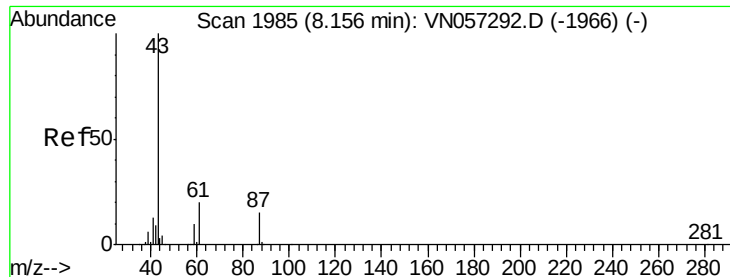
Tgt Ion:	41	Resp:	645860
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.447 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion:	62	Resp:	552526
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4





#43

Isopropyl Acetate

Concen: 53.351 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

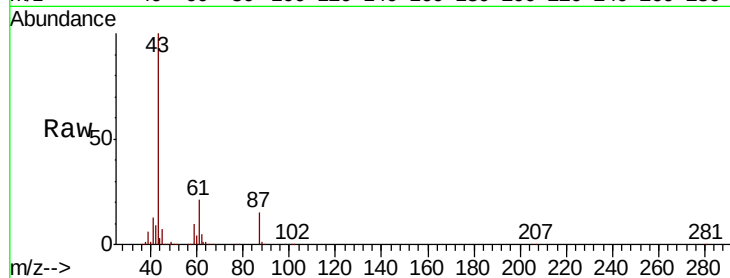
Tgt Ion: 43 Resp: 917959

Ion Ratio Lower Upper

43 100

61 24.8 21.6 32.4

87 13.0 11.4 17.0

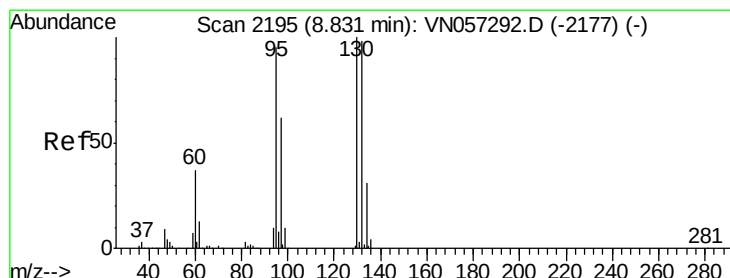
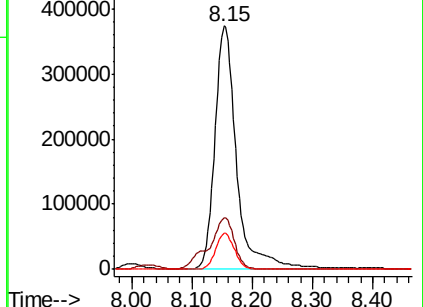
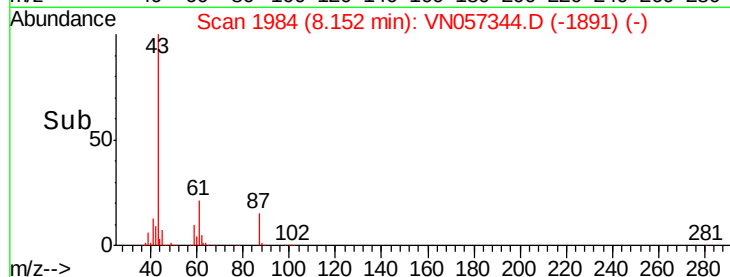


Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057292.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057292.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 47.885 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057344.D

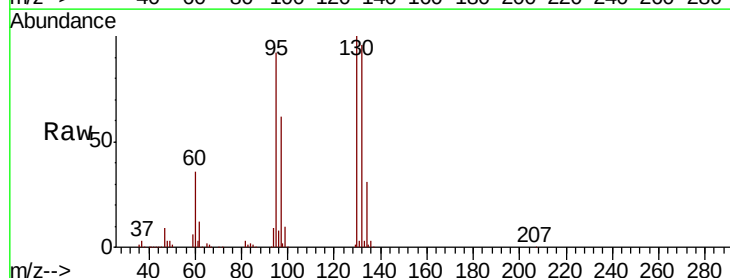
Acq: 15 Aug 2019 20:19

Tgt Ion: 130 Resp: 473676

Ion Ratio Lower Upper

130 100

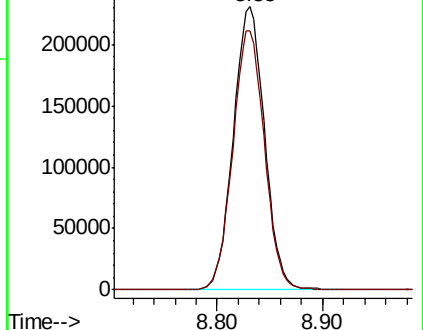
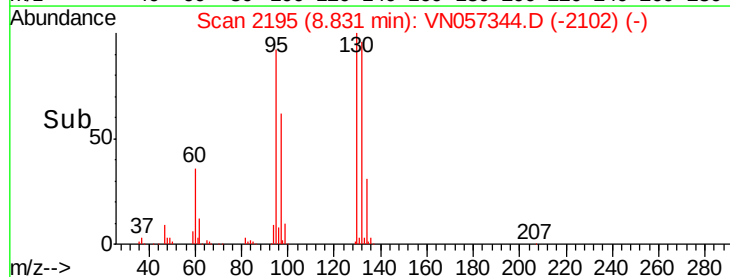
95 91.5 0.0 189.2

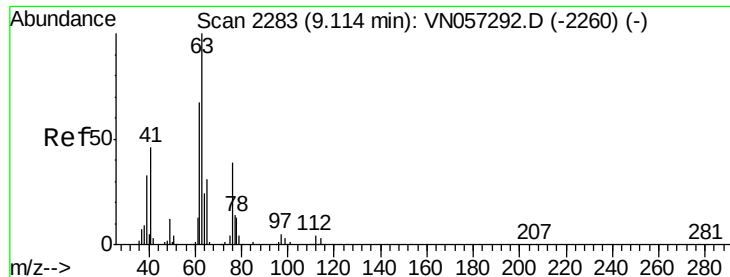


Abundance Ion 129.80 (129.50 to 130.50): VN057292.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057292.D (-2177) (-)

Time-->

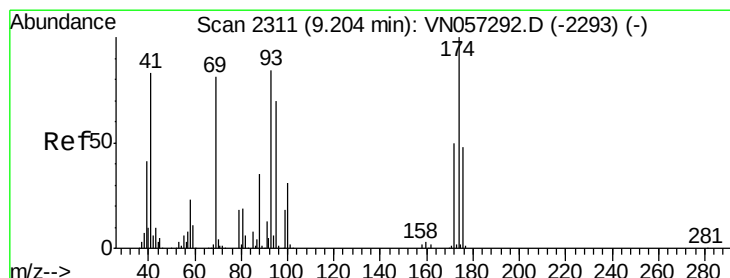
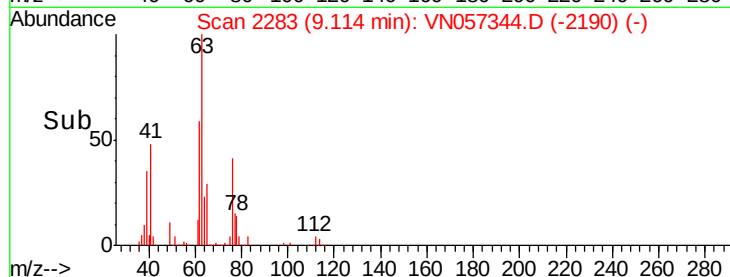
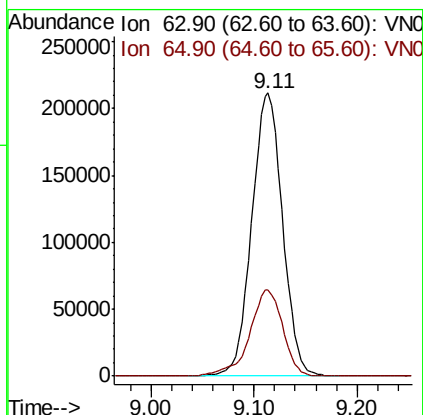
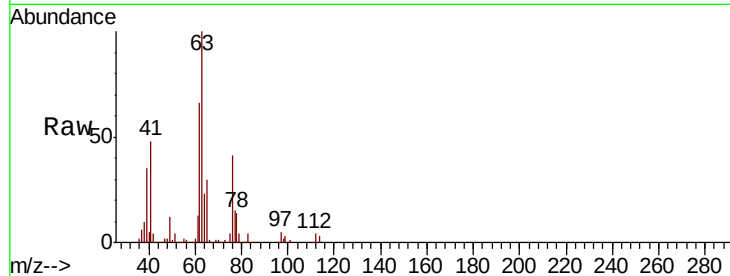




#45
 1,2-Dichloropropane
 Concen: 48.176 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

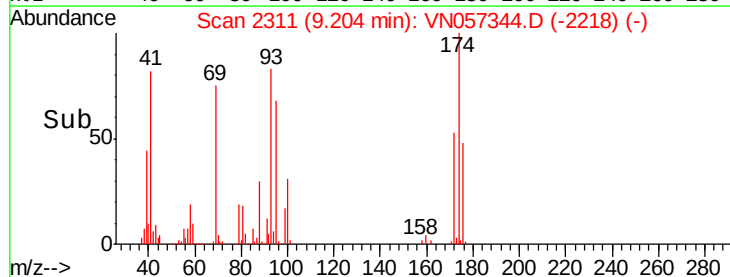
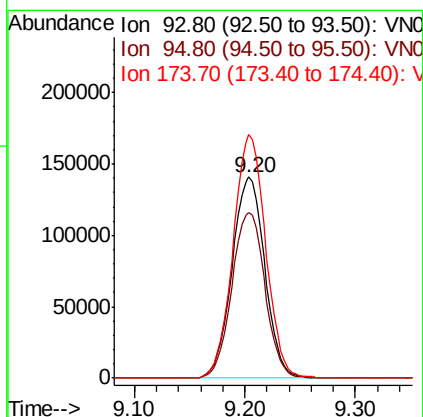
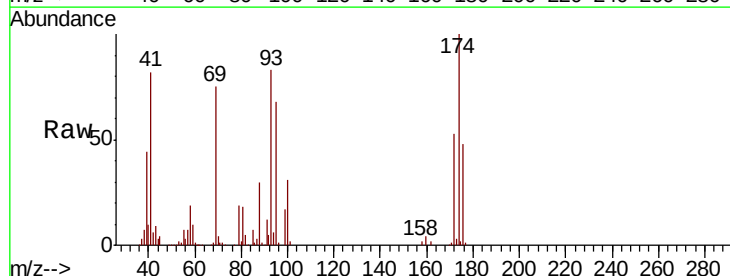
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

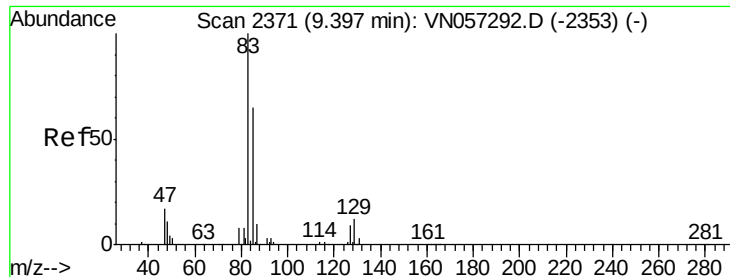
Tgt Ion: 63 Resp: 436923
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.8 37.2



#46
 Dibromomethane
 Concen: 47.974 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 93 Resp: 290260
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 120.0 95.7 143.5





#47

Bromodichloromethane

Concen: 48.990 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

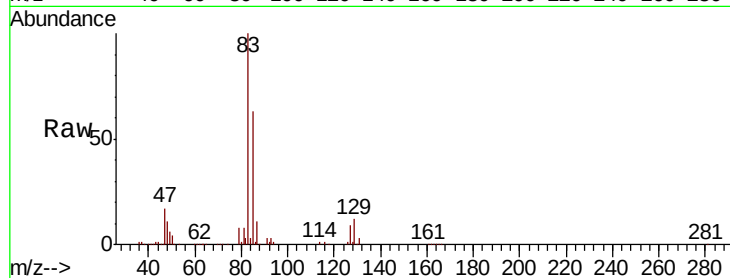
Tgt Ion: 83 Resp: 587274

Ion Ratio Lower Upper

83 100

85 63.5 51.9 77.9

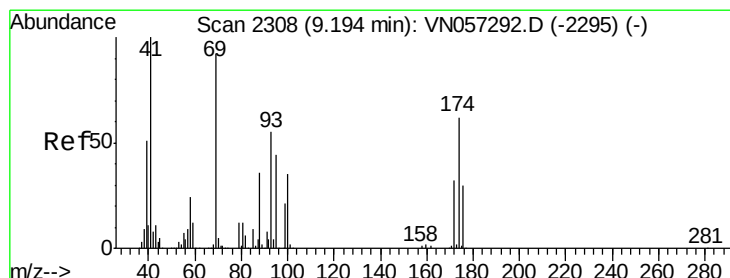
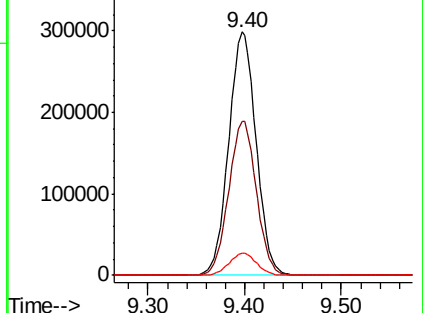
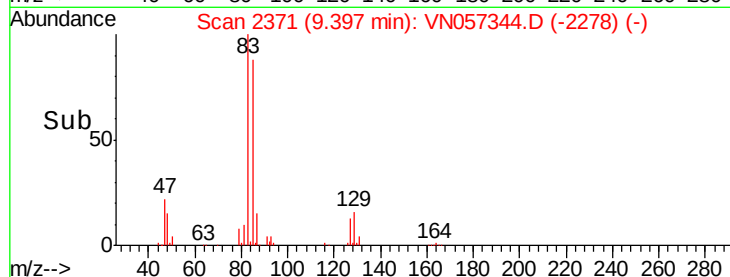
127 9.2 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN057344.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057344.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057344.D (-2278) (-)



#48

Methyl methacrylate

Concen: 47.276 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

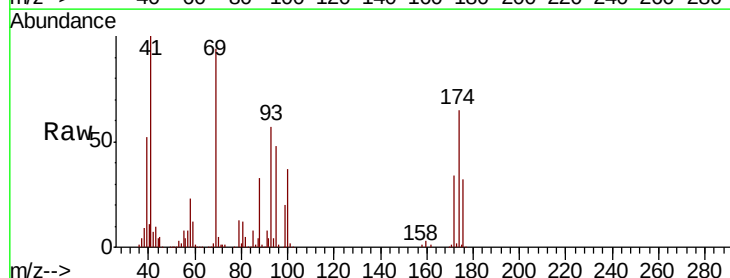
Tgt Ion: 41 Resp: 366799

Ion Ratio Lower Upper

41 100

69 96.3 75.9 113.9

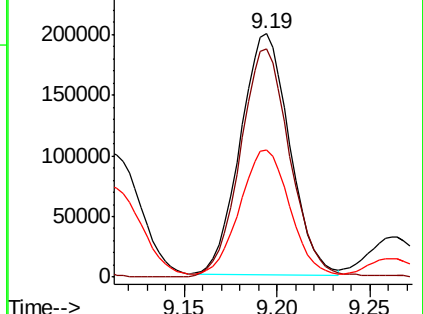
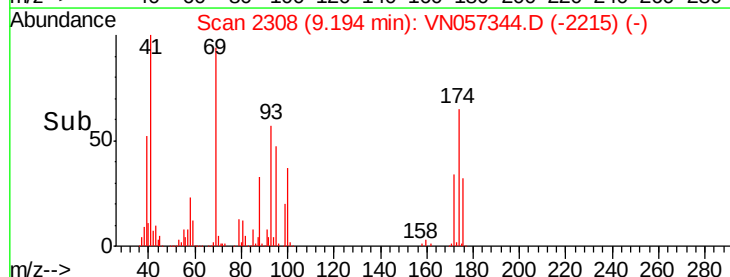
39 54.4 42.3 63.5

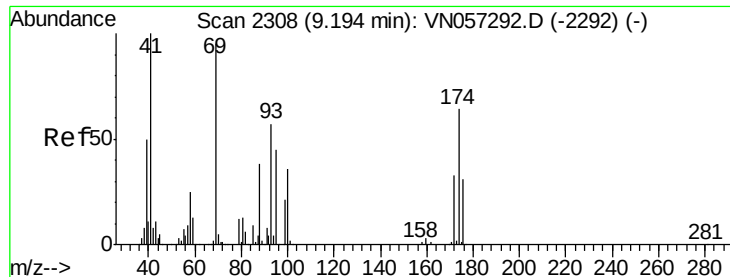


Abundance Ion 41.00 (40.70 to 41.70): VN057344.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057344.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057344.D (-2215) (-)

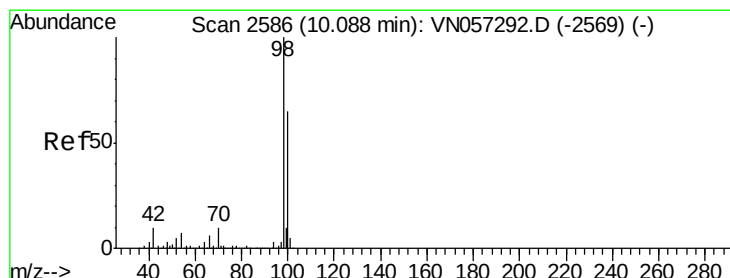
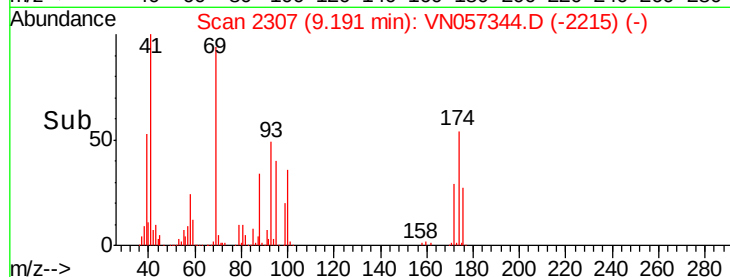
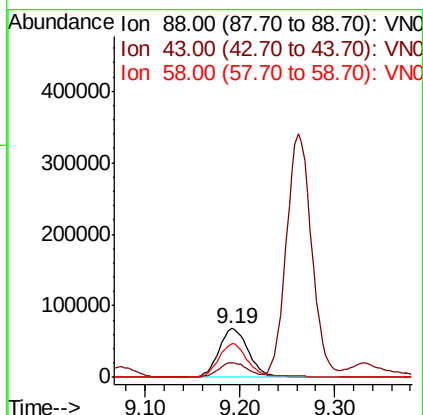
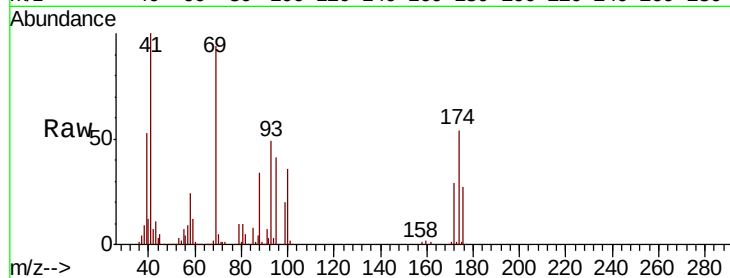




#49
1,4-Dioxane
Concen: 918.755 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

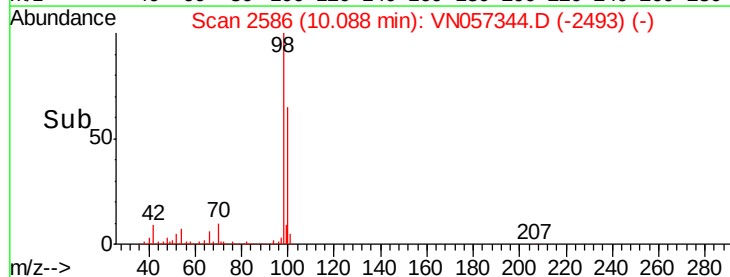
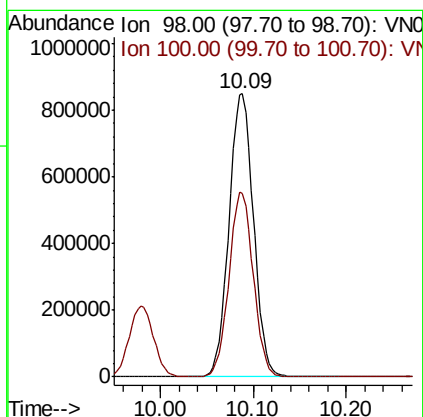
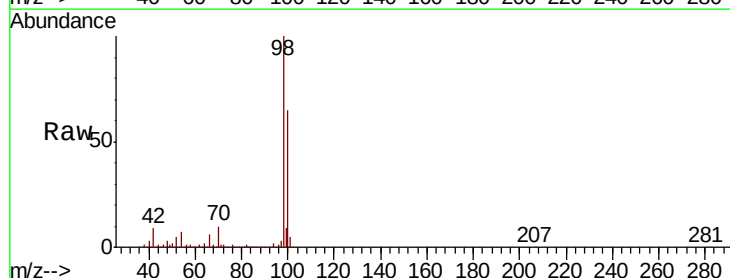
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

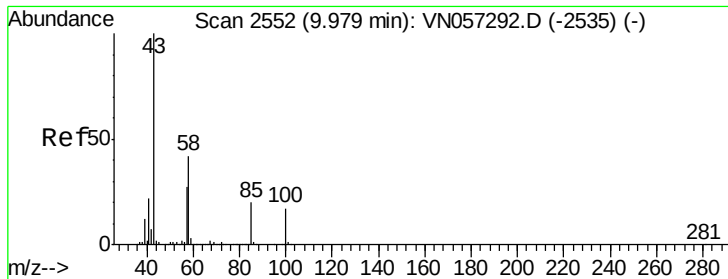
Tgt Ion: 88 Resp: 149905
Ion Ratio Lower Upper
88 100
43 27.8 22.9 34.3
58 65.3 52.7 79.1



#50
Toluene-d8
Concen: 49.754 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 98 Resp: 1554196
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 232.908 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

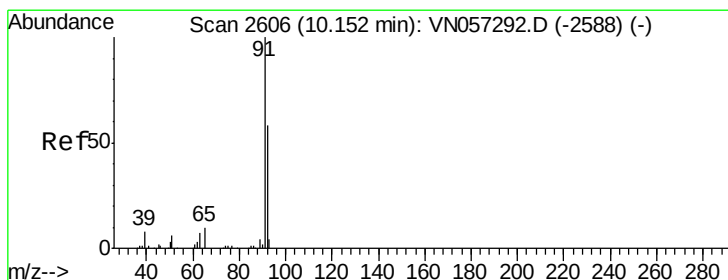
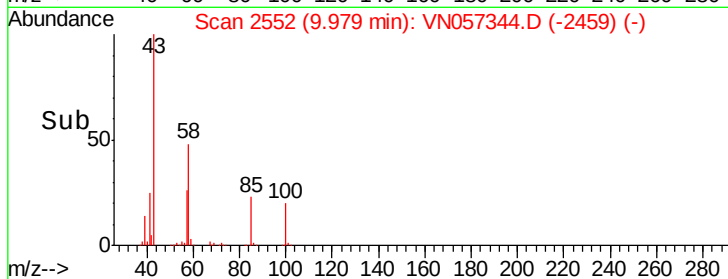
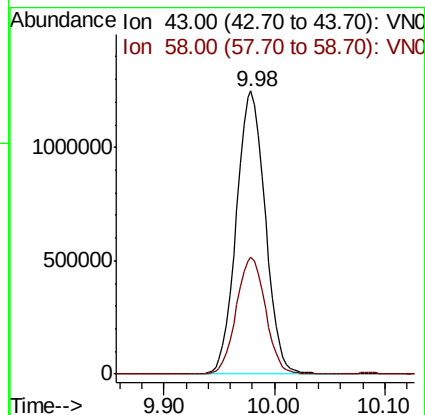
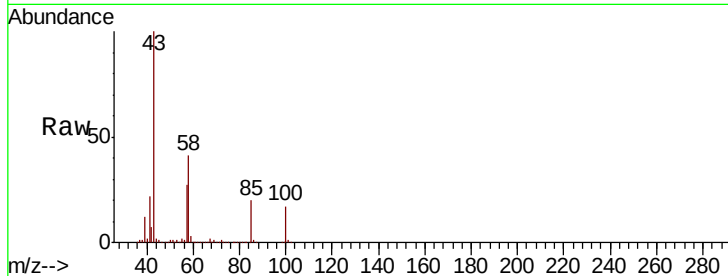
VSTDCCC050EC

Tgt Ion: 43 Resp: 2263861

Ion Ratio Lower Upper

43 100

58 41.8 33.2 49.8



#52

Toluene

Concen: 48.379 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057344.D

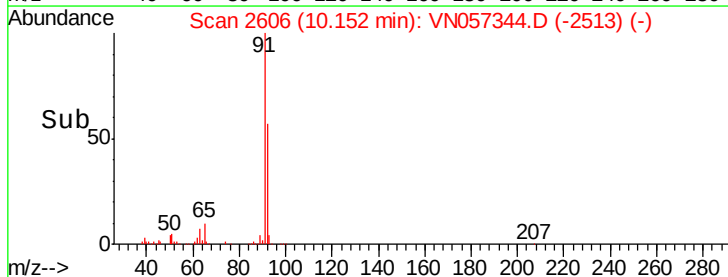
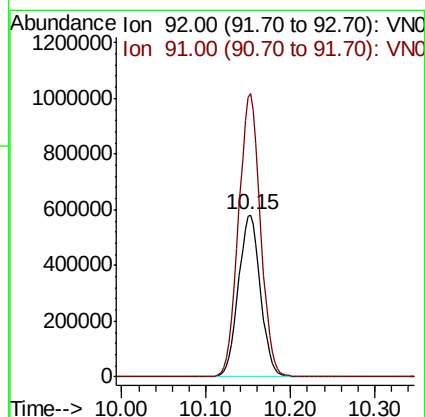
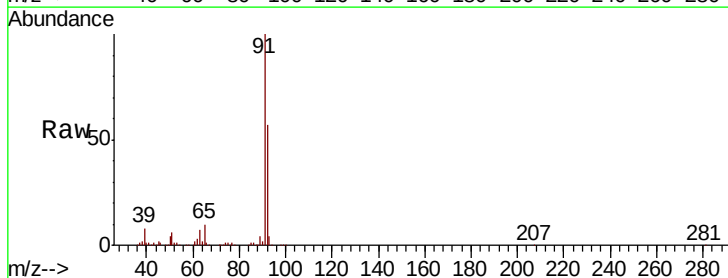
Acq: 15 Aug 2019 20:19

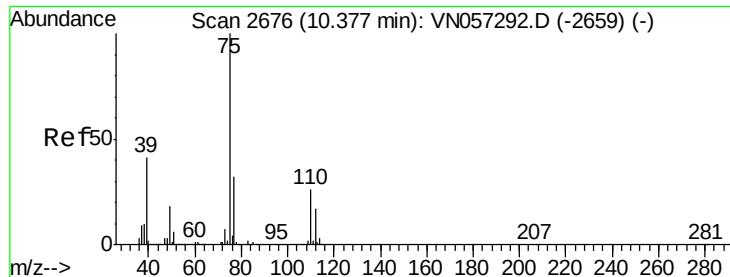
Tgt Ion: 92 Resp: 1059505

Ion Ratio Lower Upper

92 100

91 174.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 48.128 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

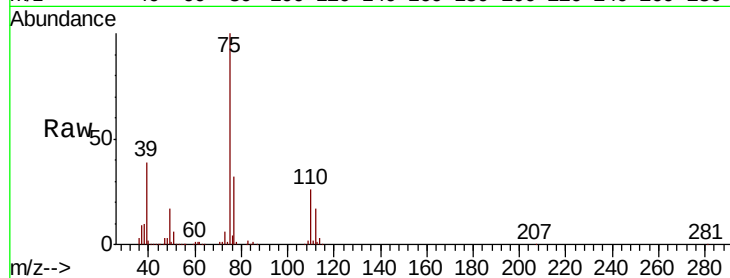
VSTDCCC050EC

Tgt Ion: 75 Resp: 624060

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

400000

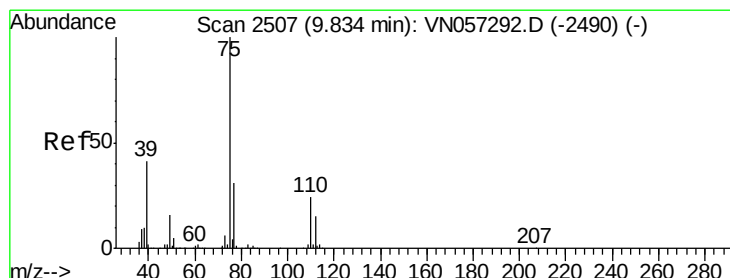
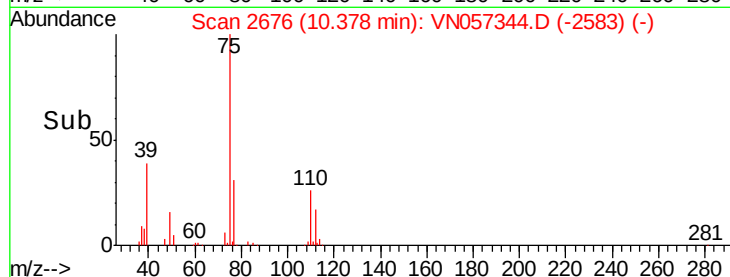
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.020 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

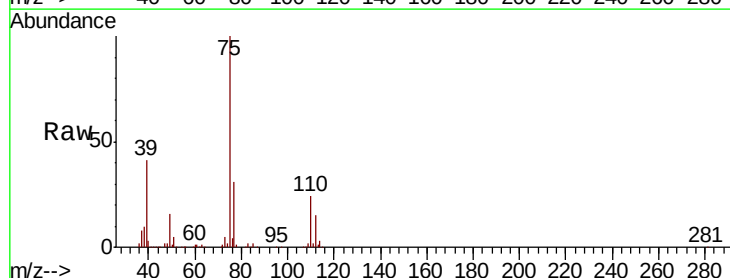
Tgt Ion: 75 Resp: 686613

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3

39 41.2 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

500000

400000

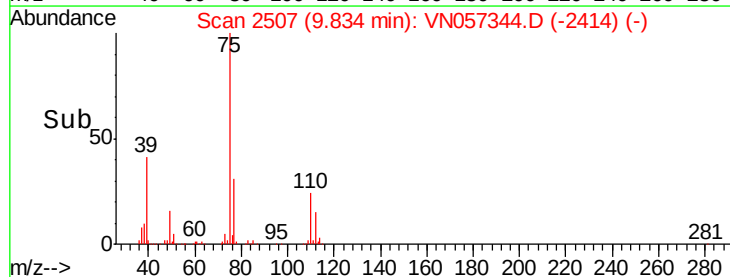
300000

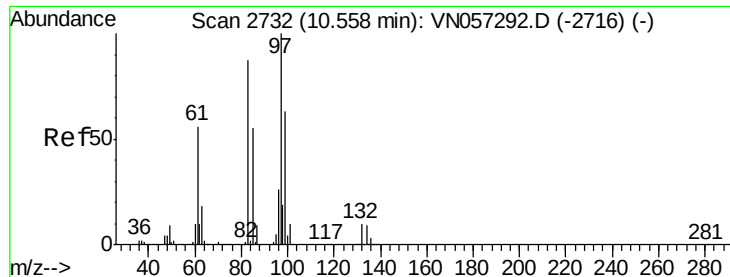
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.433 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 417084

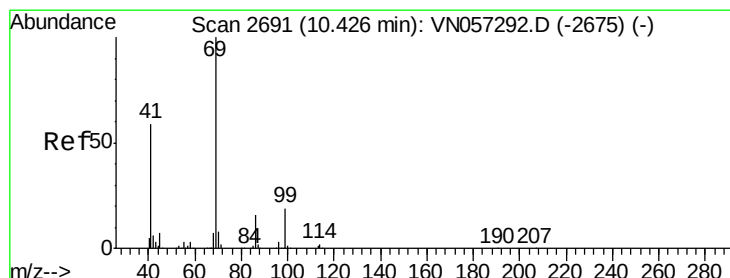
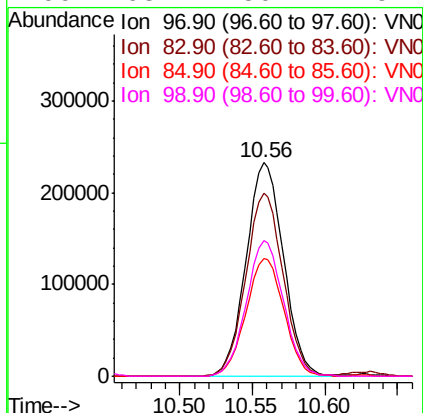
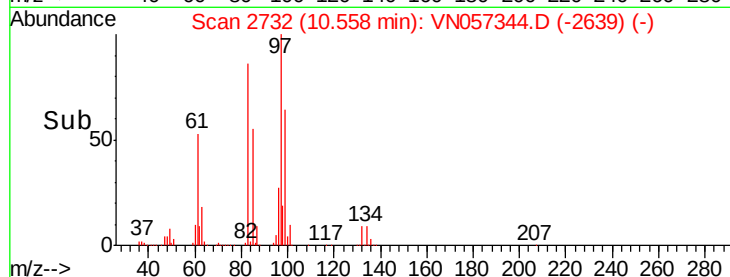
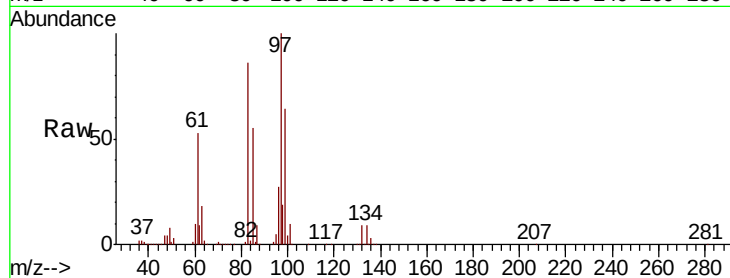
Ion Ratio Lower Upper

97 100

83 85.8 69.8 104.8

85 55.4 44.1 66.1

99 63.7 50.2 75.2



#56

Ethyl methacrylate

Concen: 49.372 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

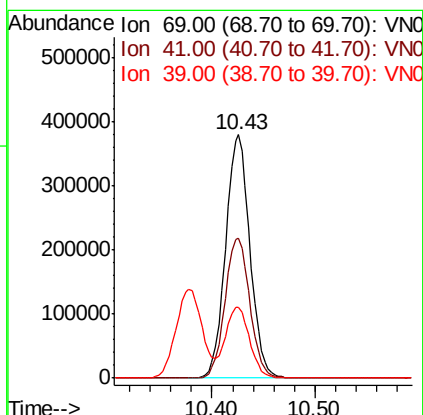
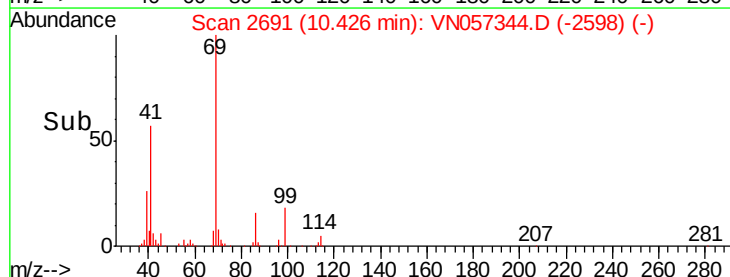
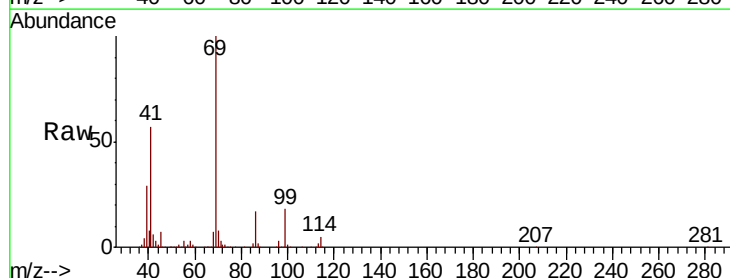
Tgt Ion: 69 Resp: 620465

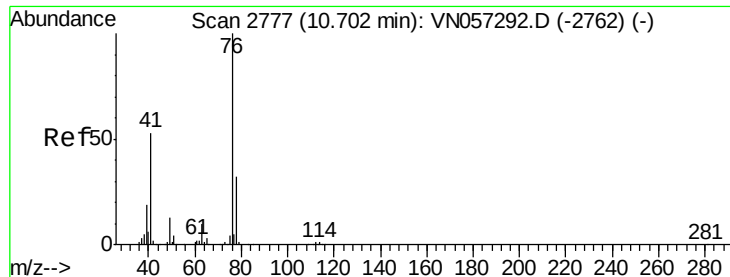
Ion Ratio Lower Upper

69 100

41 58.5 48.2 72.2

39 29.0 23.4 35.0

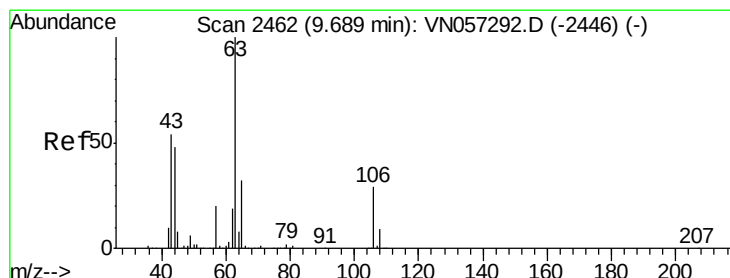
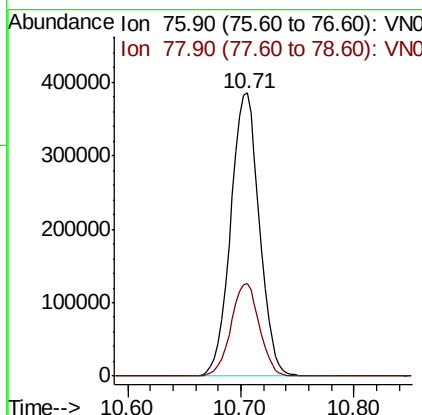
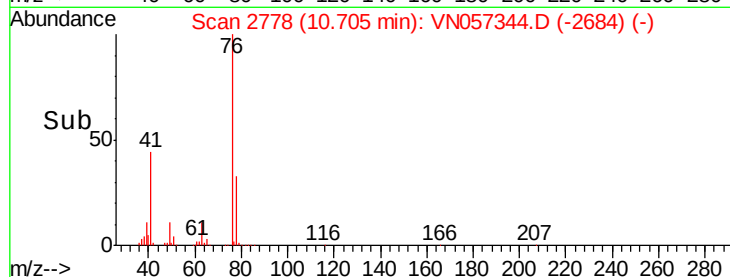
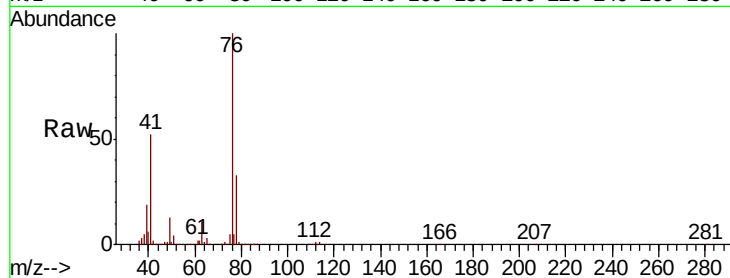




#57
 1,3-Dichloropropane
 Concen: 47.245 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

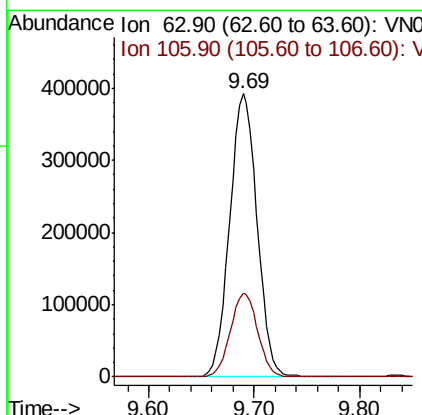
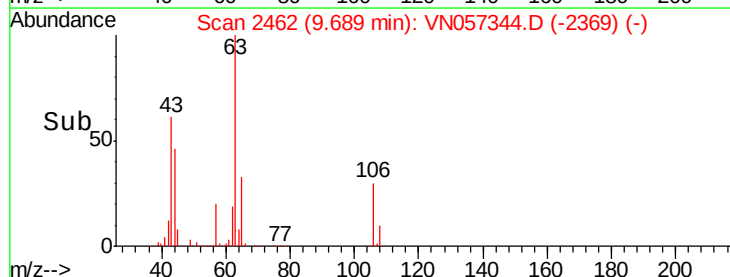
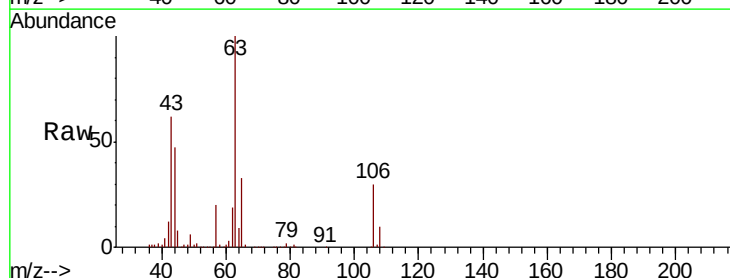
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

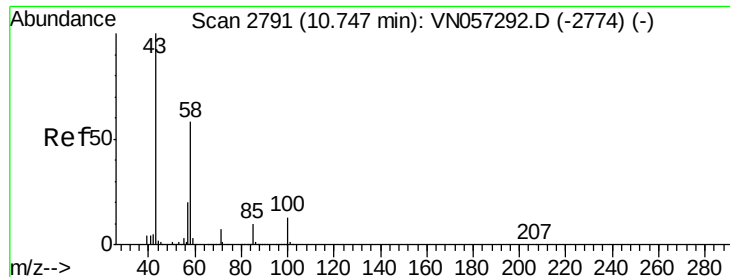
Tgt Ion: 76 Resp: 679667
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 193.102 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 63 Resp: 704146
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.2 34.8

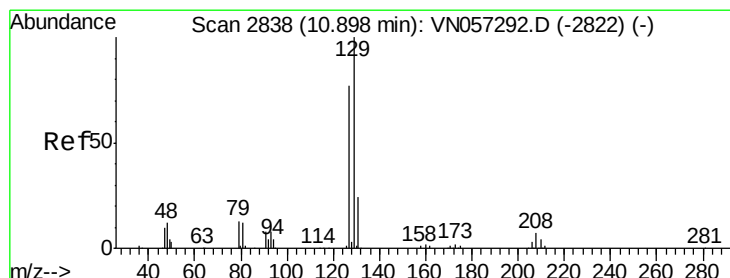
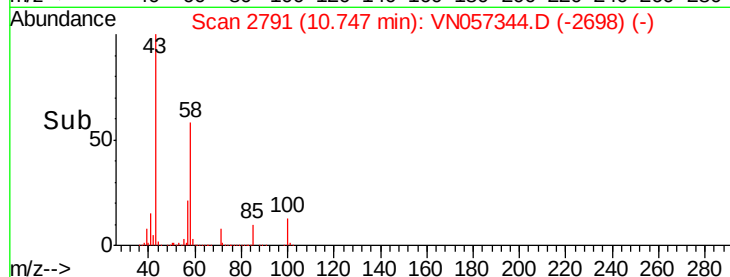
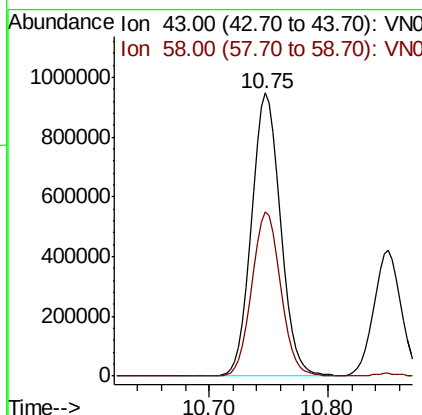
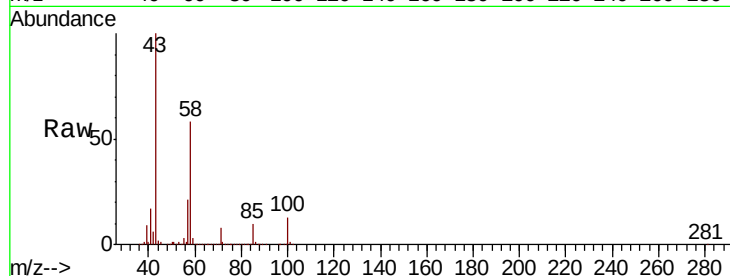




#59
2-Hexanone
Concen: 228.940 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

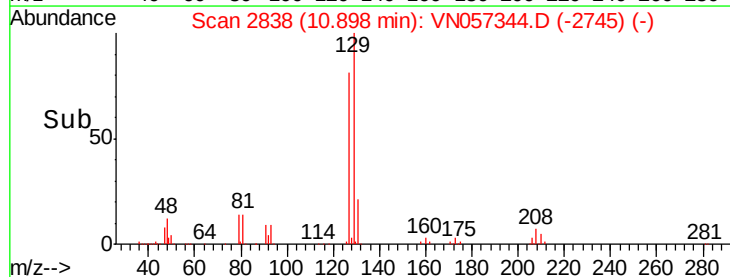
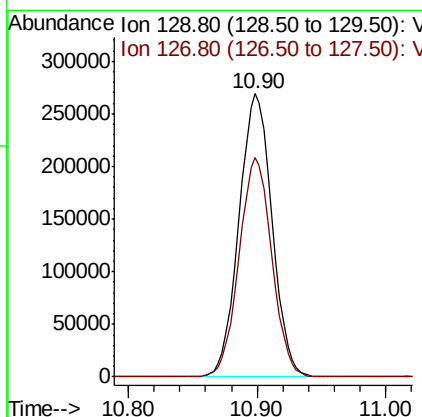
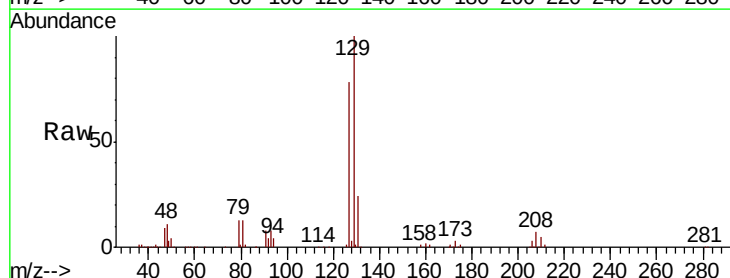
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

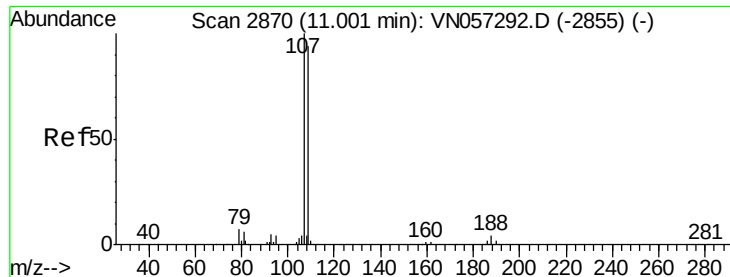
Tgt Ion: 43 Resp: 1599818
Ion Ratio Lower Upper
43 100
58 58.1 28.6 85.9



#60
Dibromochloromethane
Concen: 49.754 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion: 129 Resp: 480142
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9

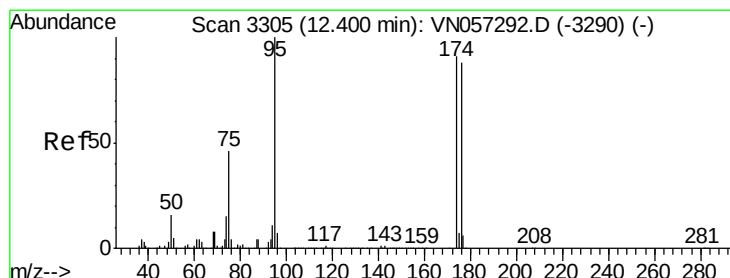
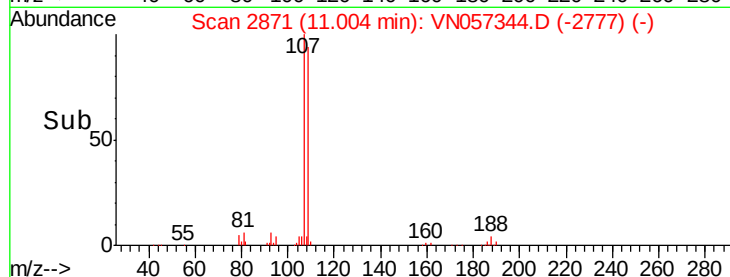
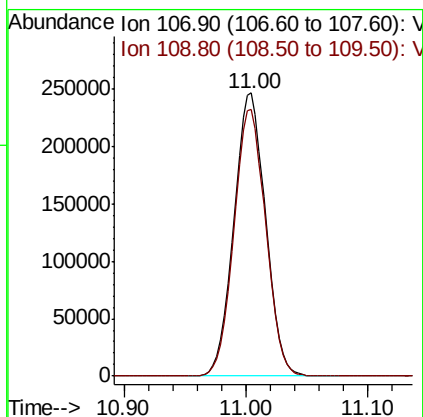
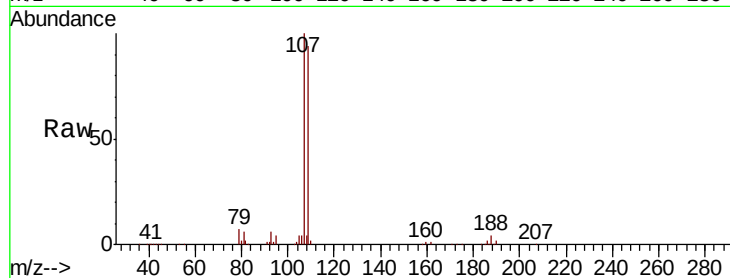




#61
 1,2-Dibromoethane
 Concen: 48.224 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

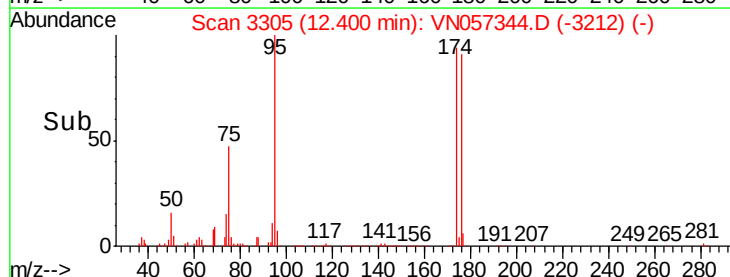
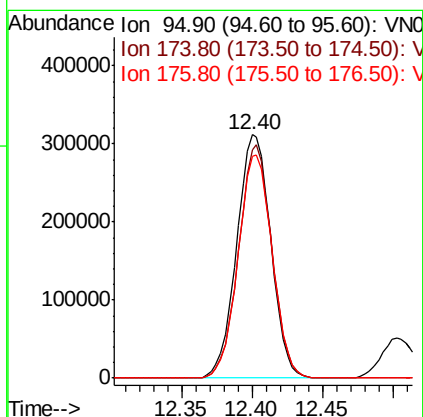
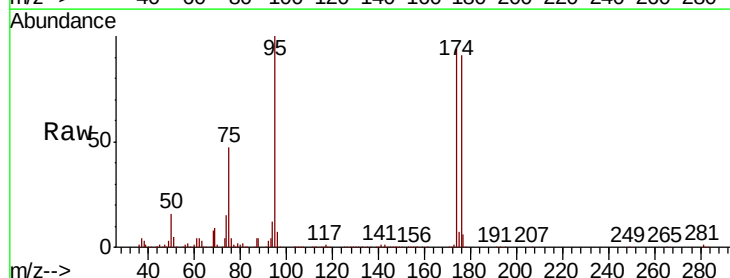
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

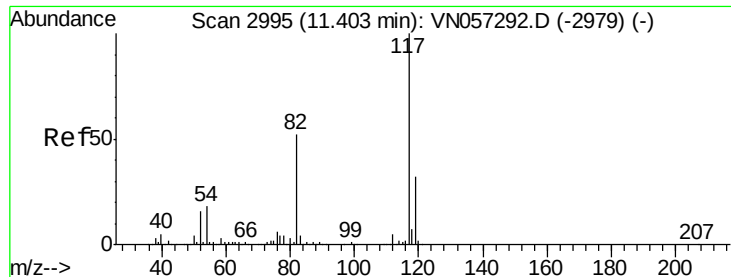
Tgt Ion: 107 Resp: 442380
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 47.894 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 95 Resp: 528698
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 185.0
 176 91.6 0.0 181.0

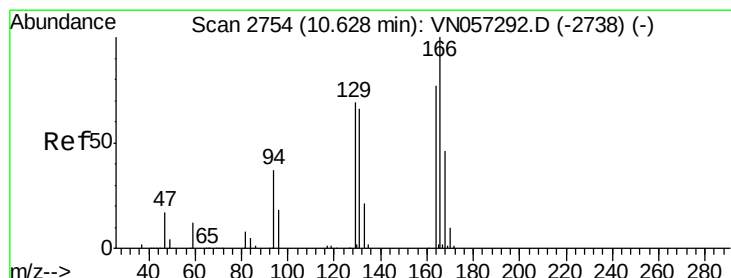
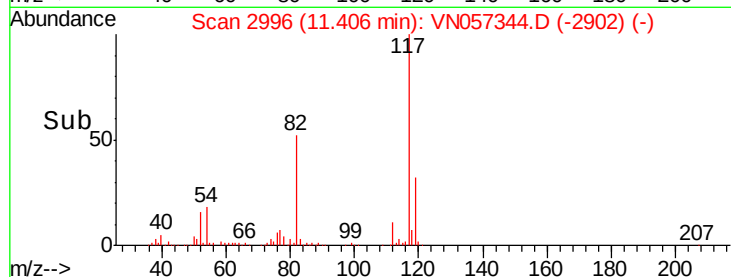
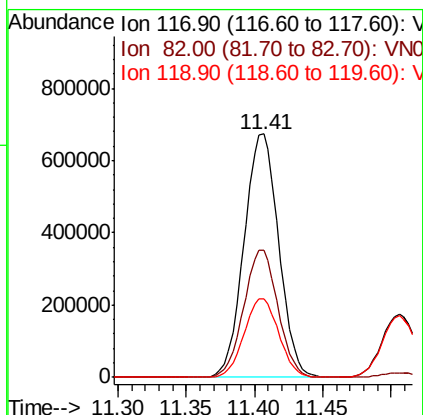
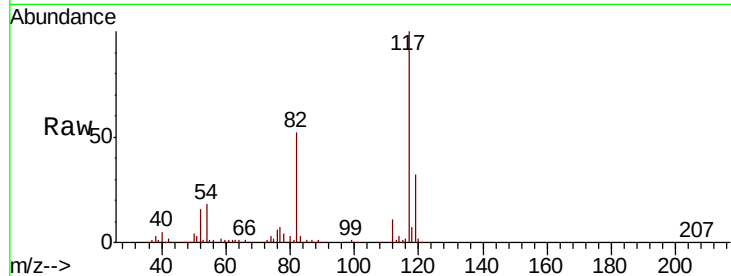




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

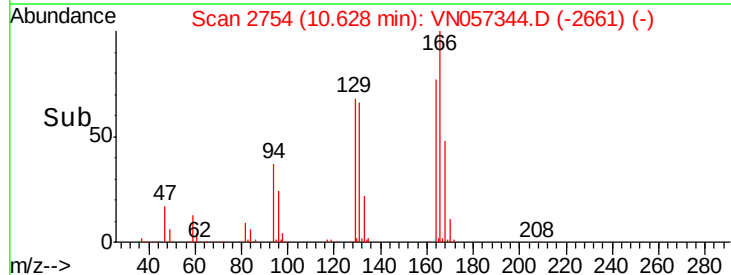
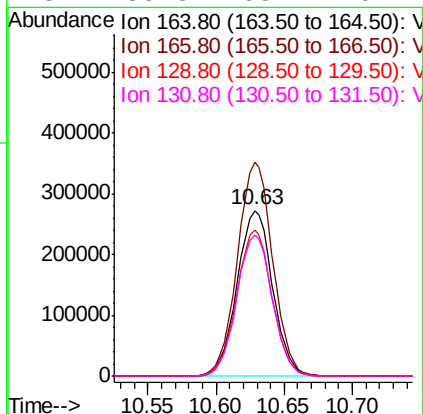
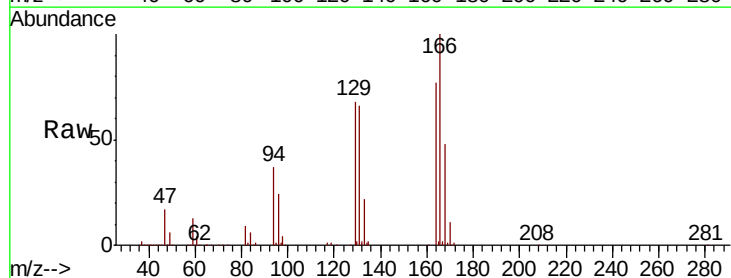
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

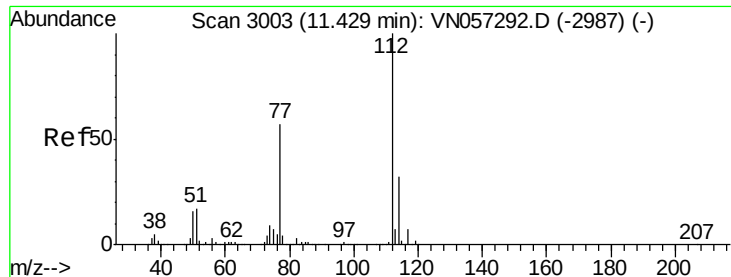
Tgt Ion:117 Resp: 1185281
Ion Ratio Lower Upper
117 100
82 52.2 41.2 61.8
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 47.786 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion:164 Resp: 489635
Ion Ratio Lower Upper
164 100
166 129.1 103.5 155.3
129 88.1 71.2 106.8
131 85.3 68.2 102.4

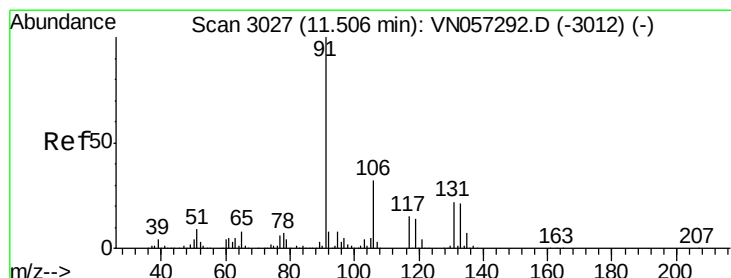
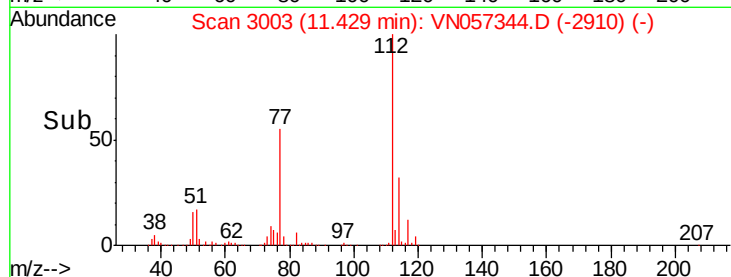
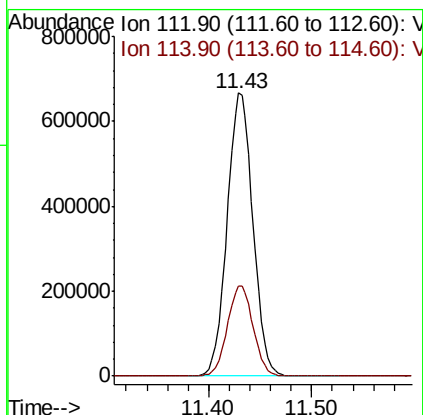
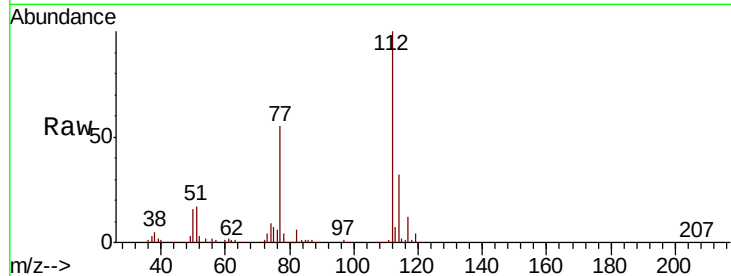




#65
Chlorobenzene
Concen: 47.969 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

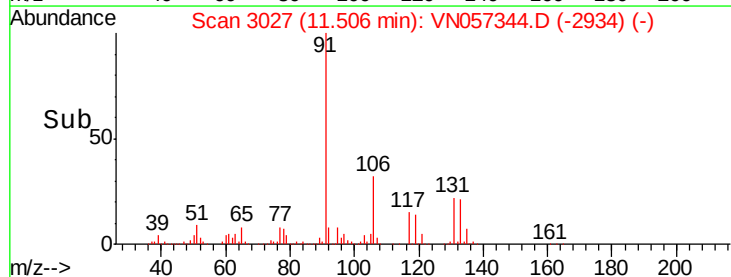
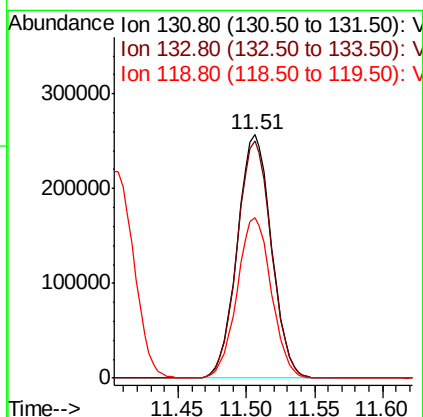
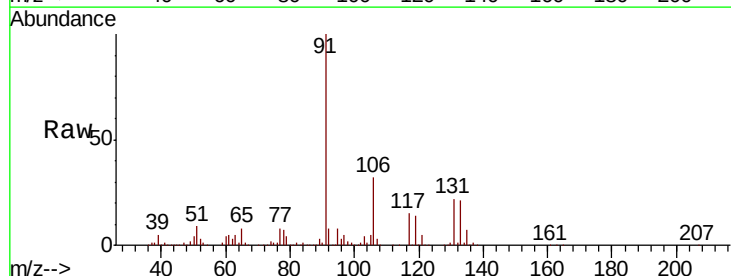
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

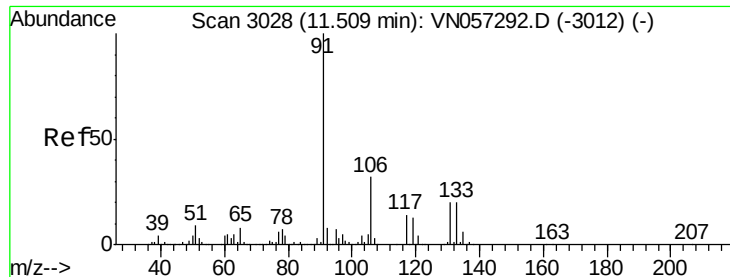
Tgt Ion:112 Resp: 1159621
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.276 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion:131 Resp: 446948
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.8
119 66.0 32.0 96.2

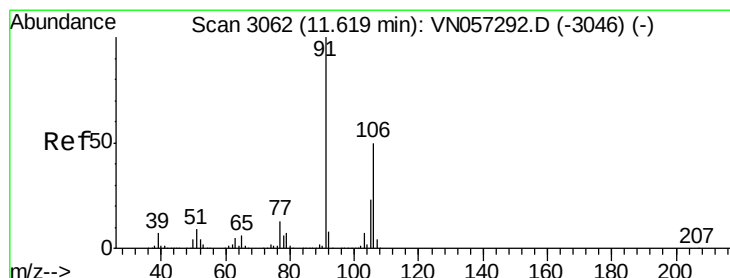
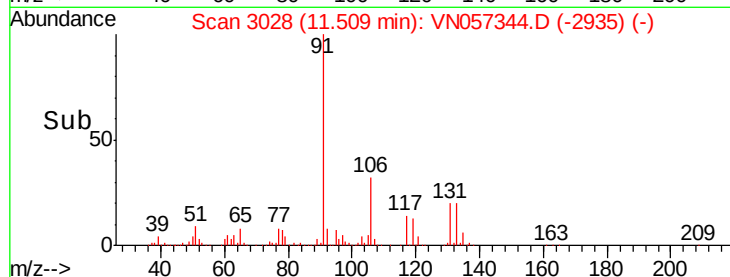
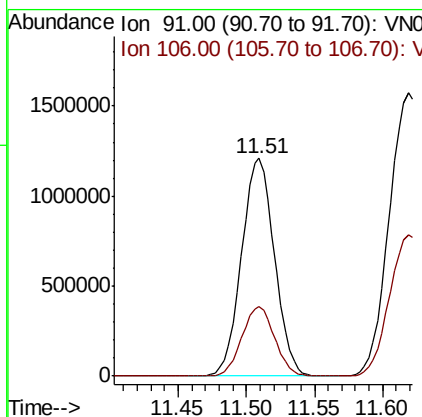
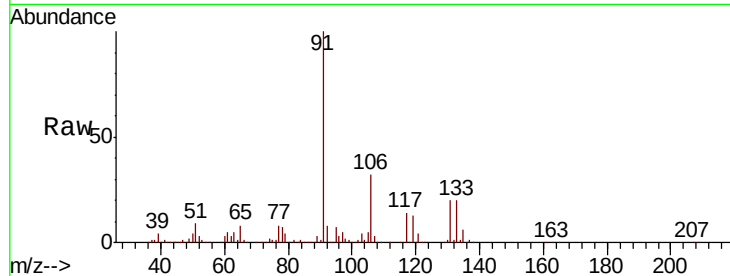




#67
 Ethyl Benzene
 Concen: 47.928 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

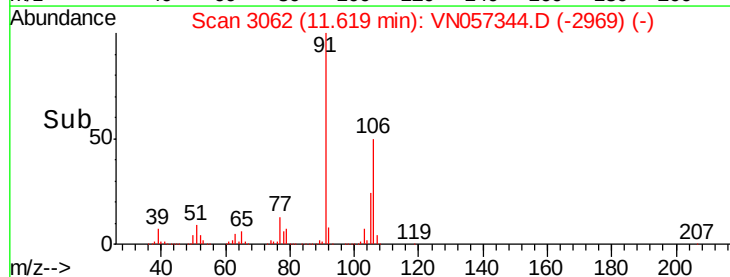
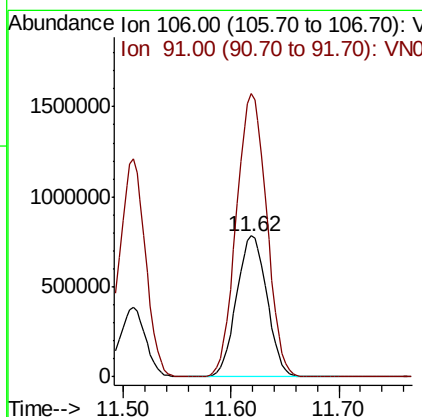
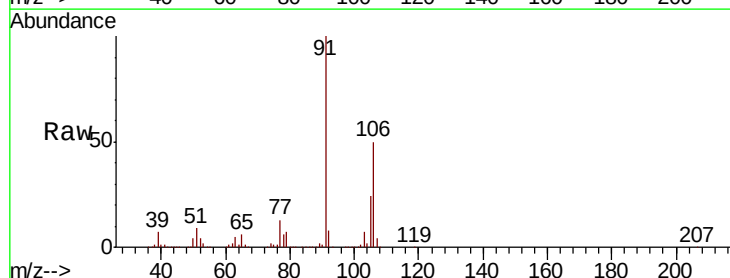
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

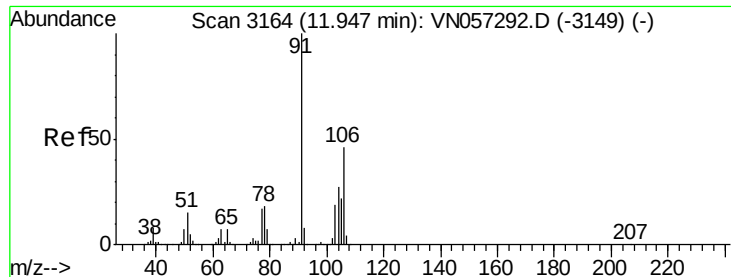
Tgt Ion: 91 Resp: 2027052
 Ion Ratio Lower Upper
 91 100
 106 31.9 25.5 38.3



#68
 m/p-Xylenes
 Concen: 98.254 ug/l
 RT: 11.62 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 106 Resp: 1531063
 Ion Ratio Lower Upper
 106 100
 91 200.1 161.5 242.3

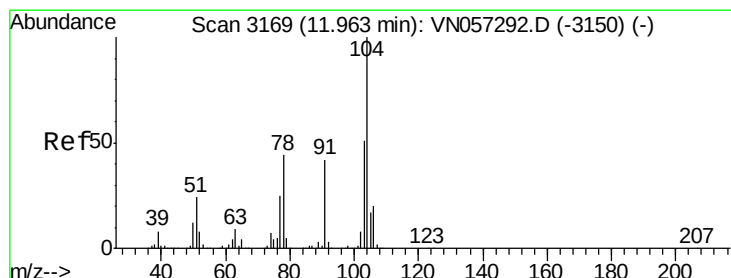
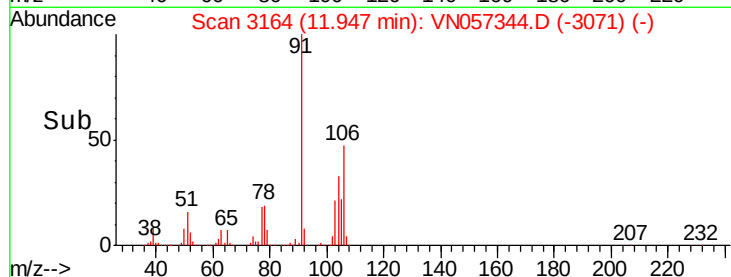
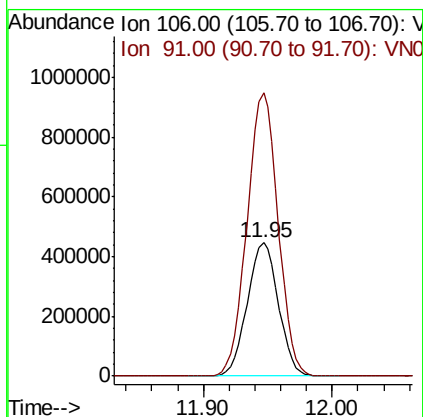
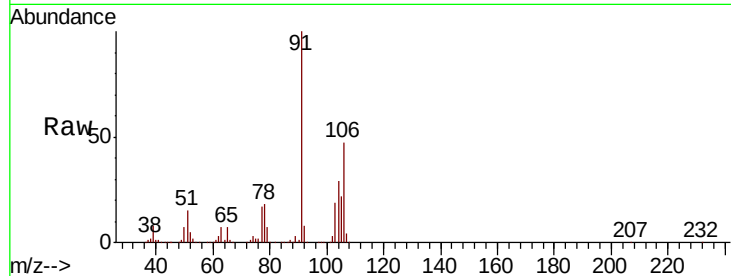




#69
o-Xylene
Concen: 49.201 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

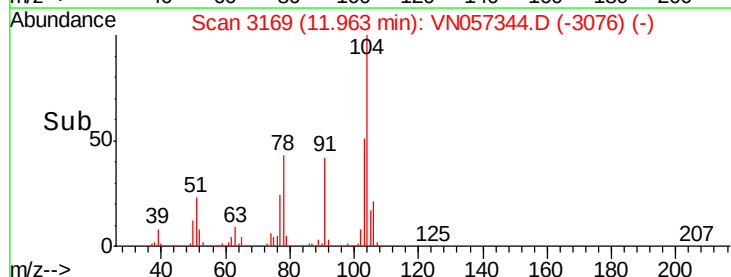
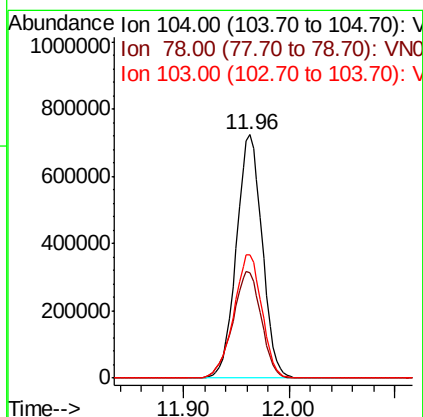
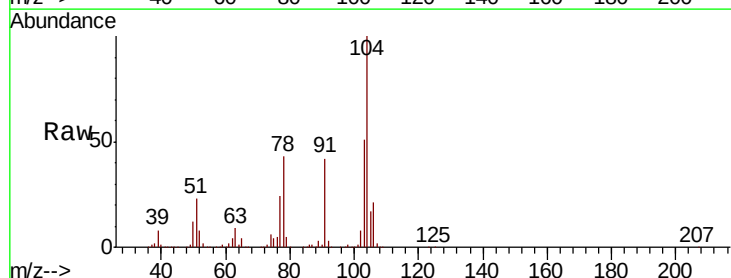
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

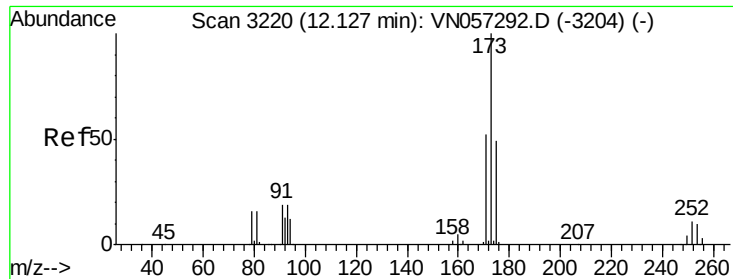
Tgt Ion:106 Resp: 752784
Ion Ratio Lower Upper
106 100
91 211.1 106.3 319.0



#70
Styrene
Concen: 50.193 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057344.D
Acq: 15 Aug 2019 20:19

Tgt Ion:104 Resp: 1224161
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.2 44.6 66.8





#71

Bromoform

Concen: 49.504 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

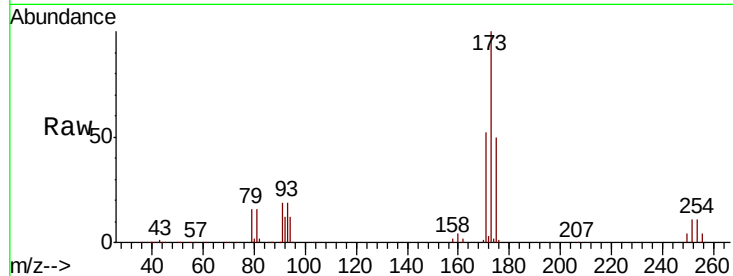
Tgt Ion:173 Resp: 361568

Ion Ratio Lower Upper

173 100

175 49.4 24.2 72.6

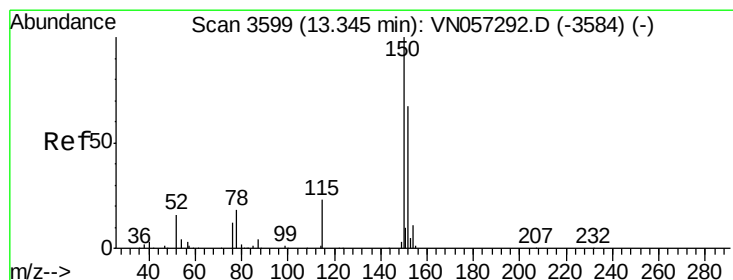
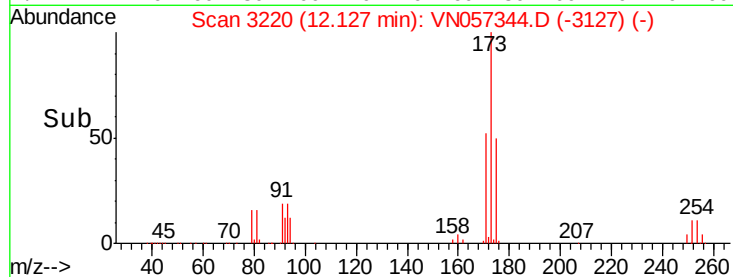
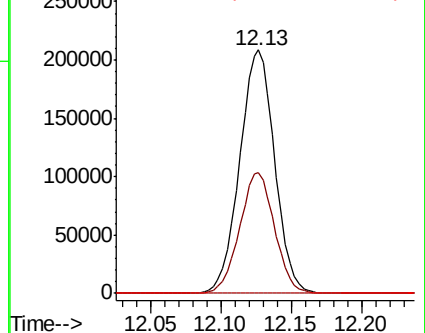
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

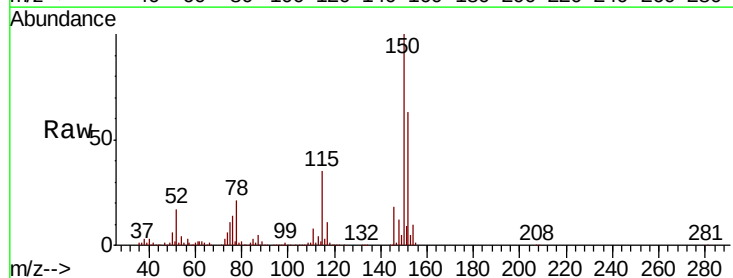
Tgt Ion:152 Resp: 476667

Ion Ratio Lower Upper

152 100

115 55.5 27.3 81.9

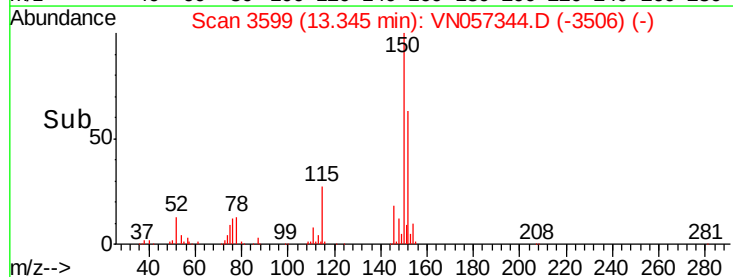
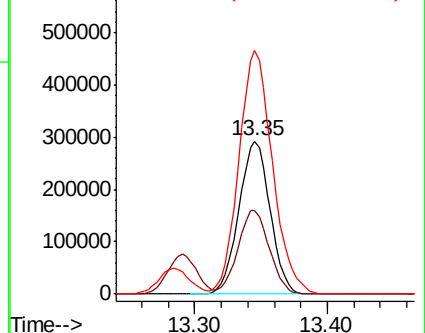
150 172.1 0.0 344.4

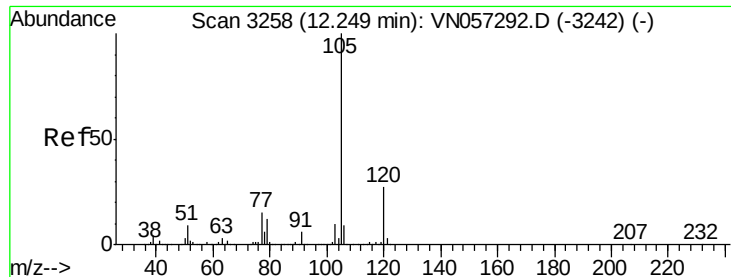


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.738 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

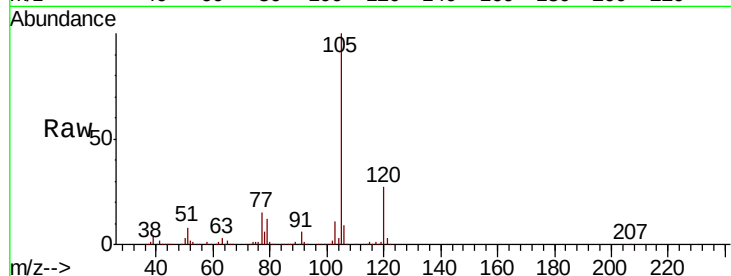
VSTDCCC050EC

Tgt Ion: 105 Resp: 1992013

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

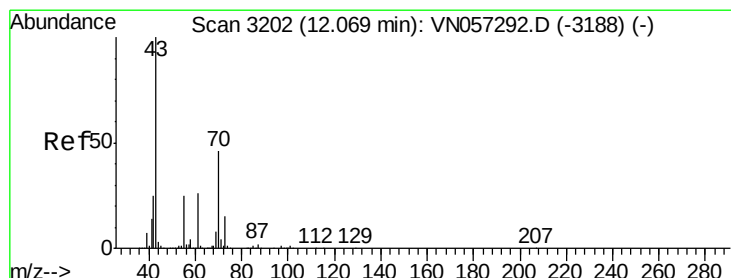
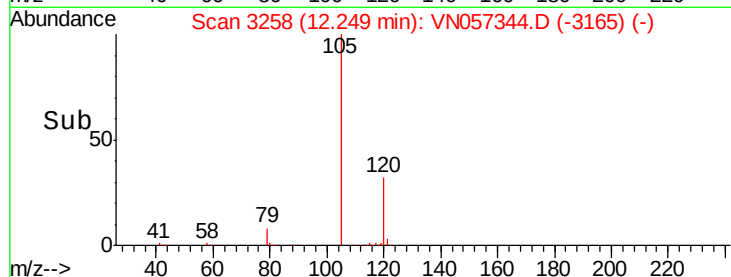
1000000

500000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 43.848 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Tgt Ion: 43 Resp: 606499

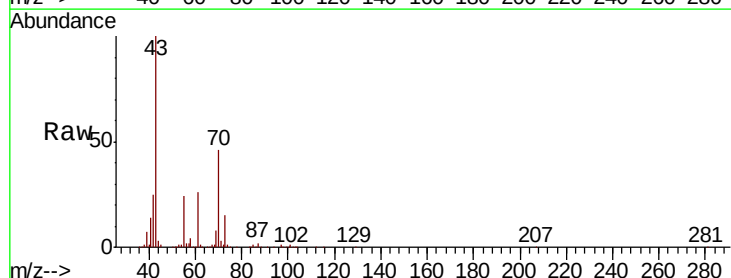
Ion Ratio Lower Upper

43 100

70 46.0 36.2 54.2

55 25.0 20.1 30.1

61 25.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

600000

500000

400000

300000

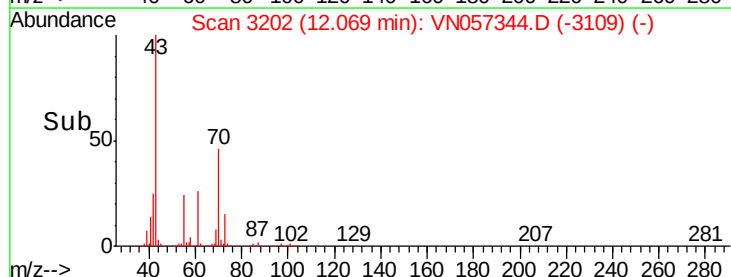
200000

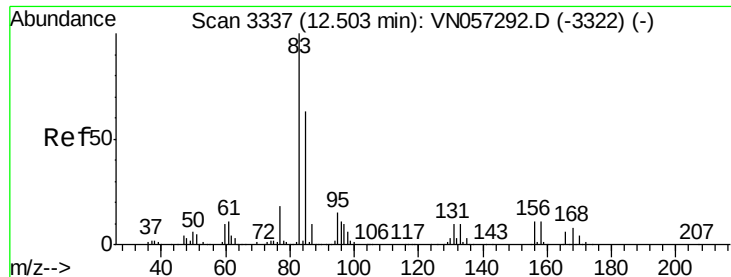
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 52.843 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

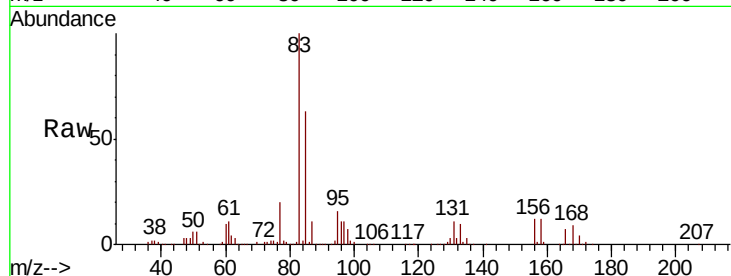
Tgt Ion: 83 Resp: 557197

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

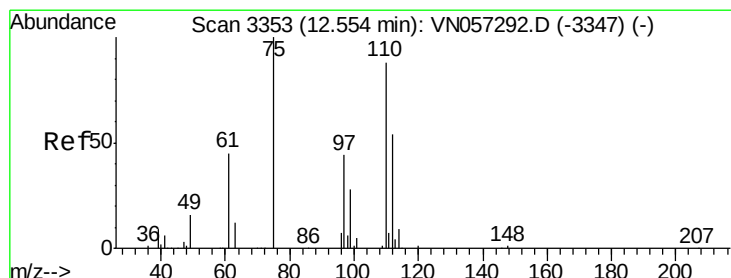
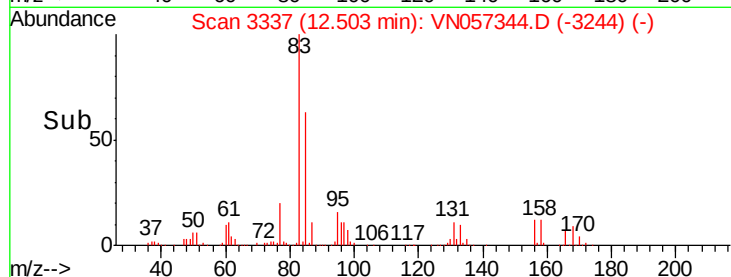
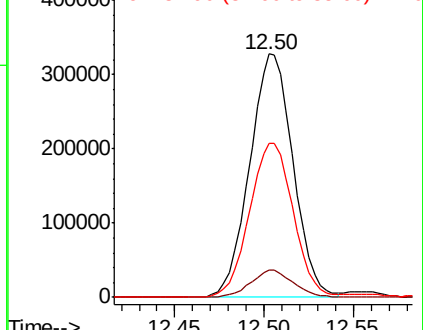
85 63.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.997 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057344.D

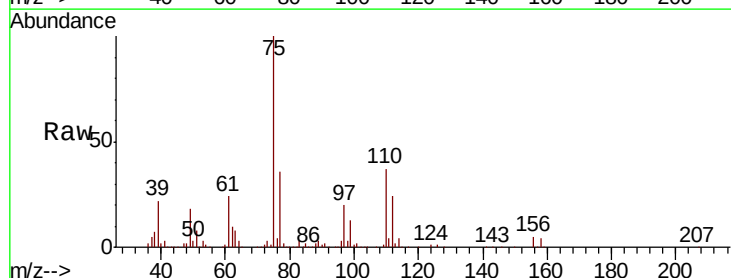
Acq: 15 Aug 2019 20:19

Tgt Ion: 75 Resp: 686197

Ion Ratio Lower Upper

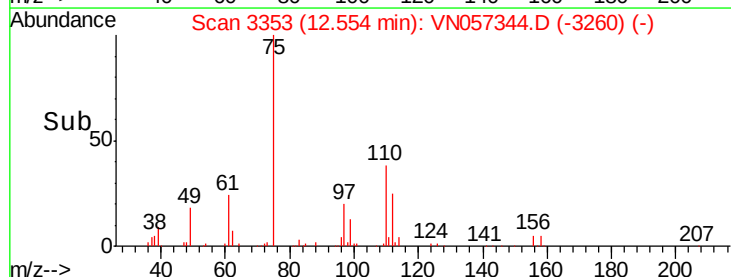
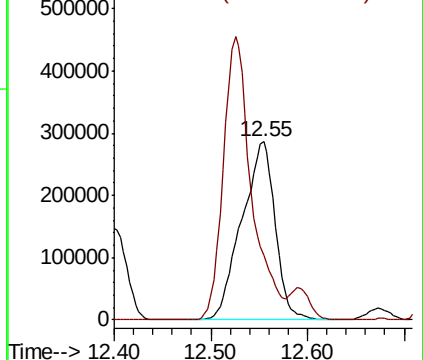
75 100

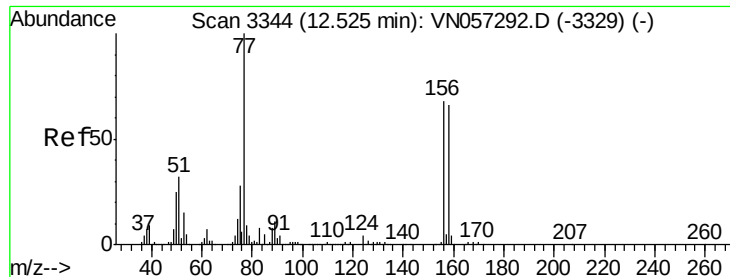
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 51.822 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

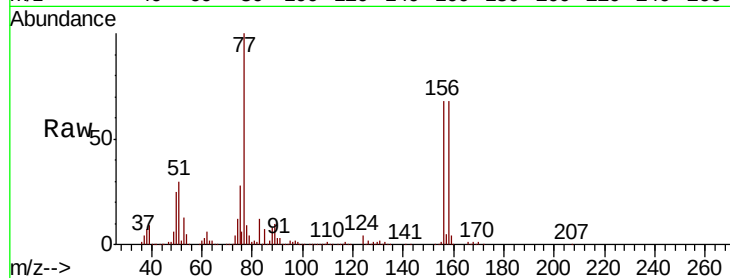
Tgt Ion:156 Resp: 528671

Ion Ratio Lower Upper

156 100

77 175.6 89.8 269.6

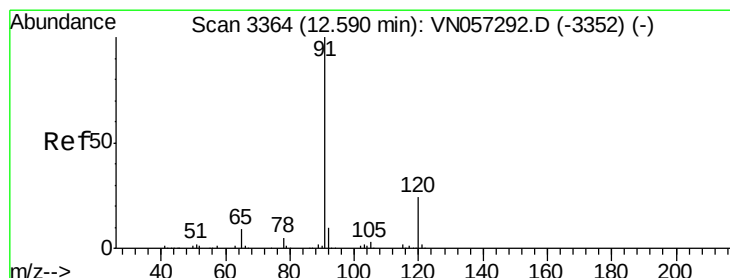
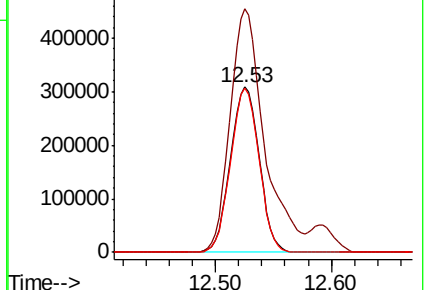
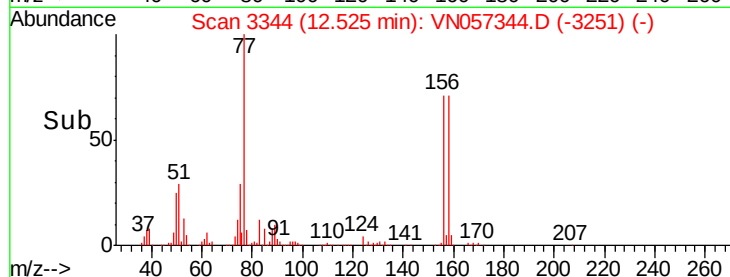
158 98.1 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.232 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057344.D

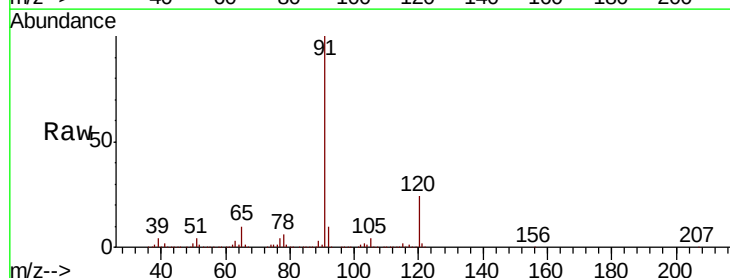
Acq: 15 Aug 2019 20:19

Tgt Ion: 91 Resp: 2076227

Ion Ratio Lower Upper

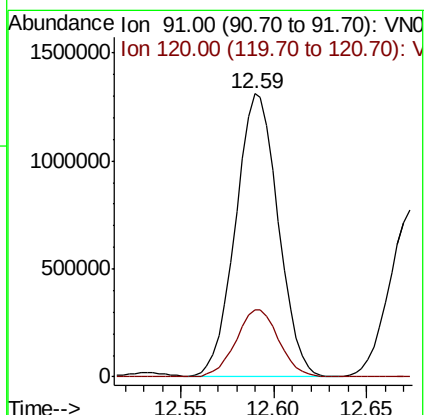
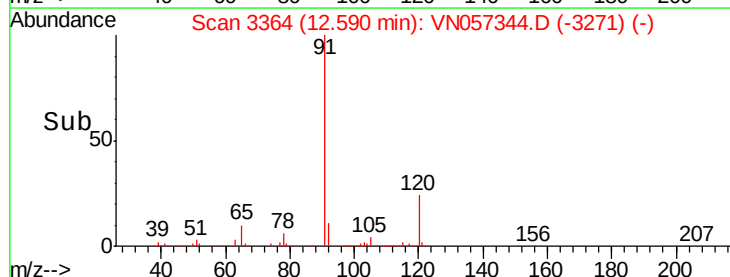
91 100

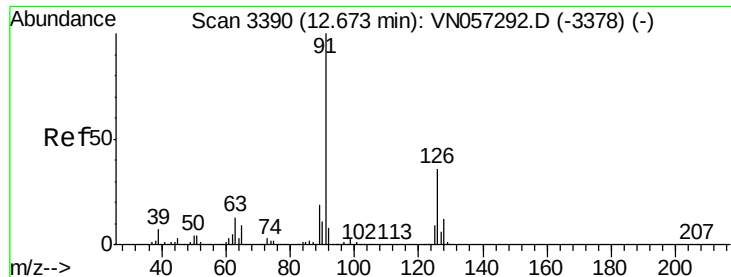
120 24.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

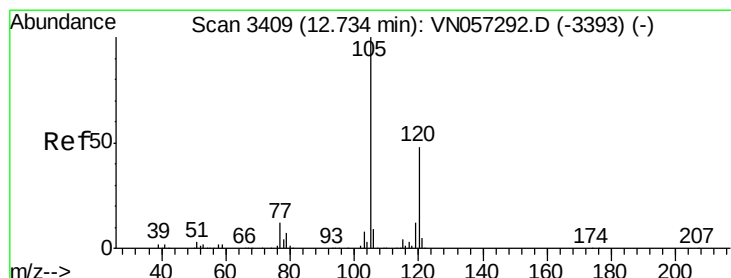
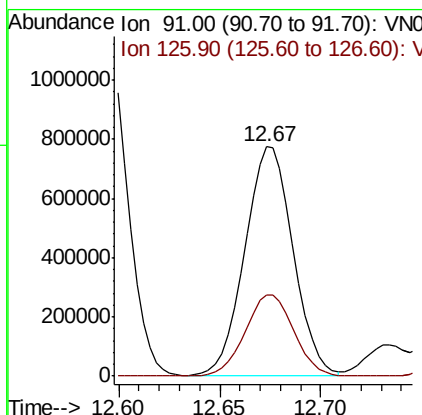
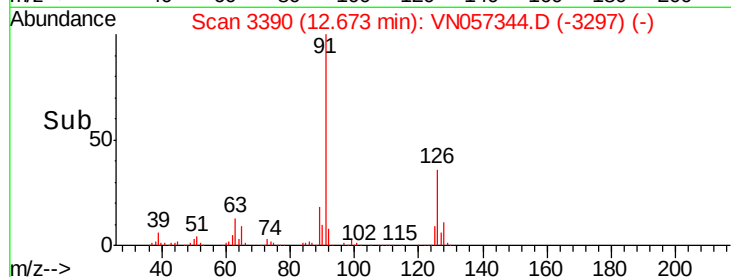
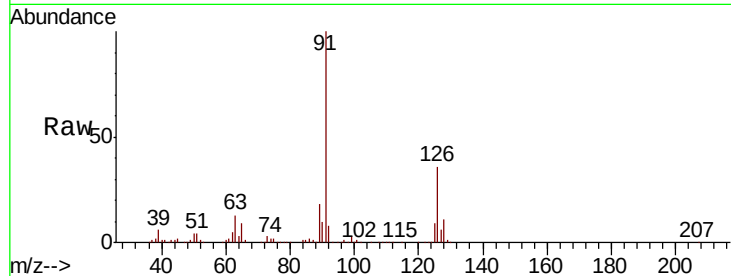




#79
 2-Chlorotoluene
 Concen: 51.523 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

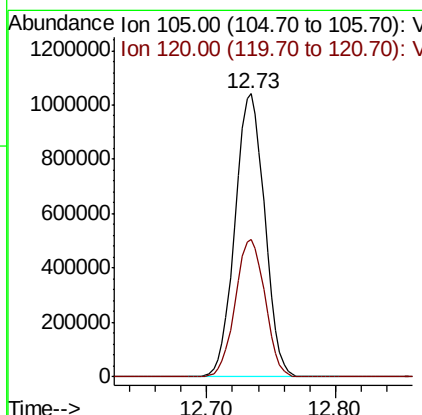
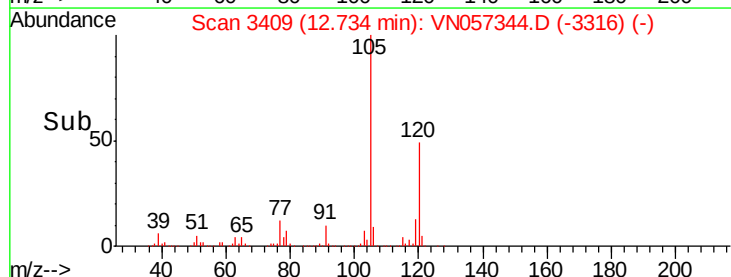
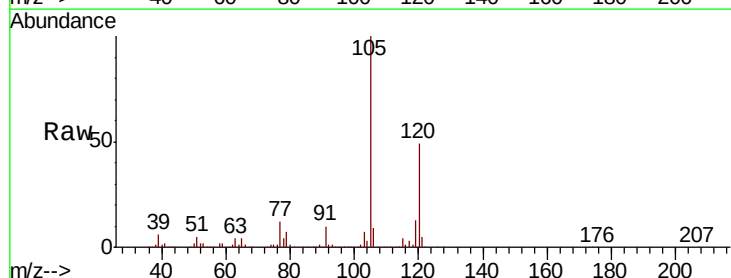
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

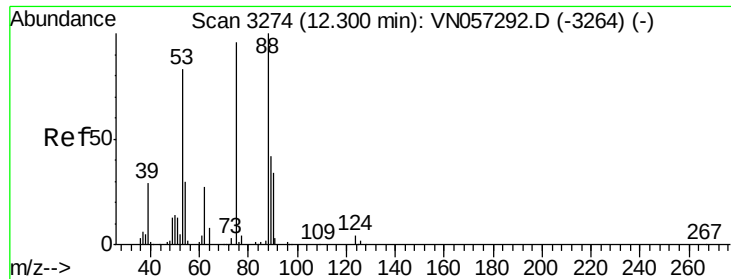
Tgt Ion: 91 Resp: 1291171
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.1 54.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.903 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 105 Resp: 1664200
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.988 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

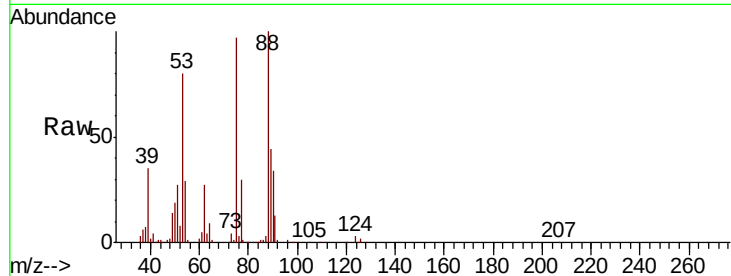
Tgt Ion: 75 Resp: 175863

Ion Ratio Lower Upper

75 100

53 84.1 67.9 101.9

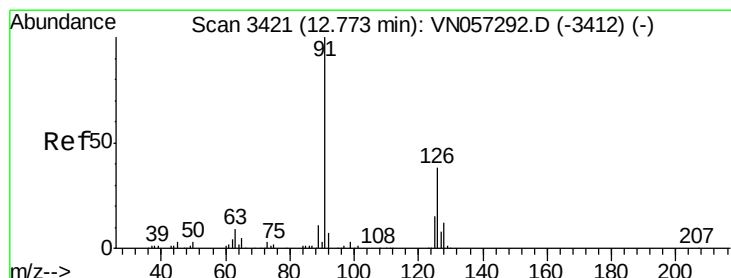
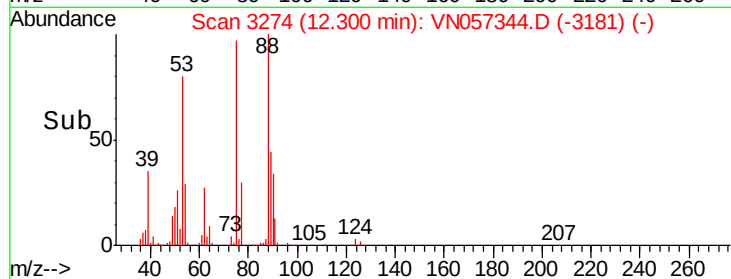
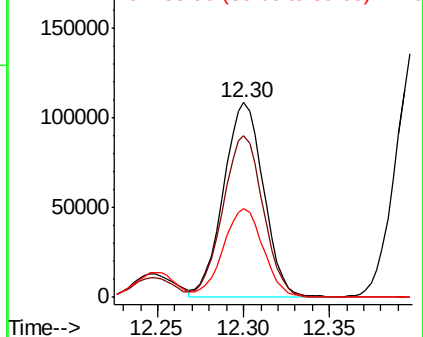
89 45.4 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 45.228 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057344.D

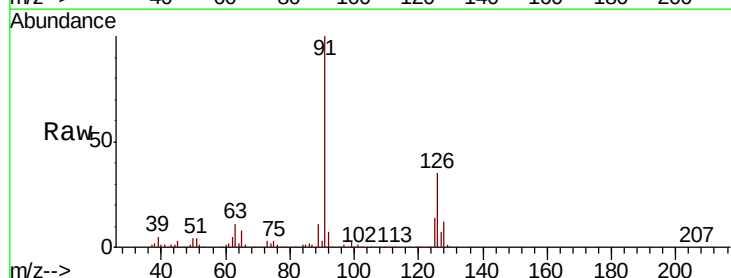
Acq: 15 Aug 2019 20:19

Tgt Ion: 91 Resp: 1230222

Ion Ratio Lower Upper

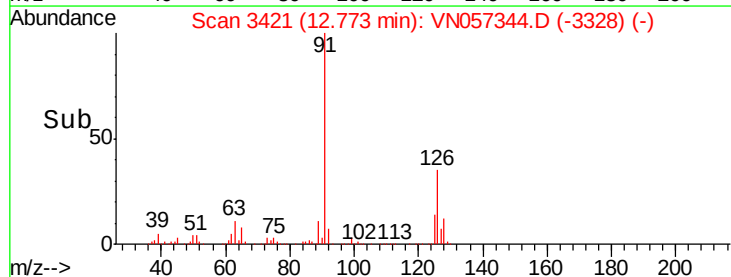
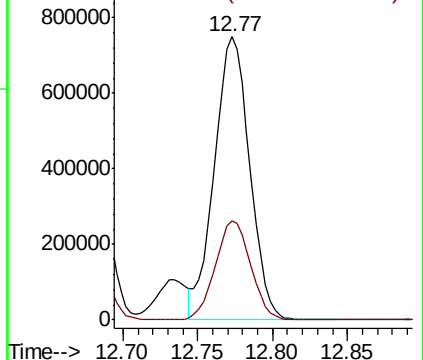
91 100

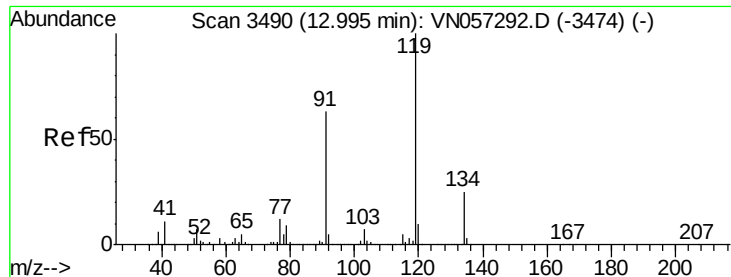
126 35.0 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

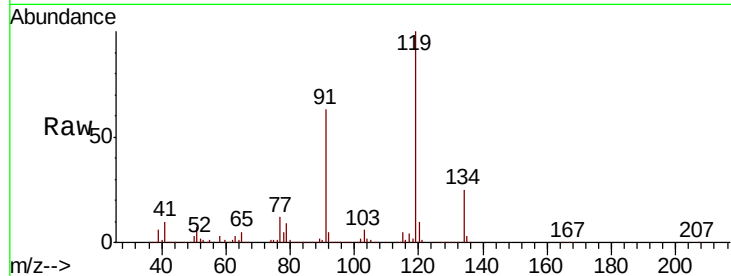




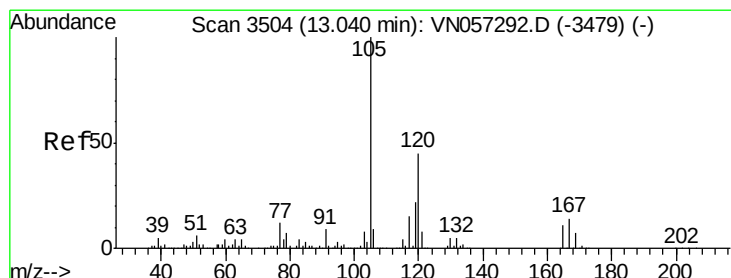
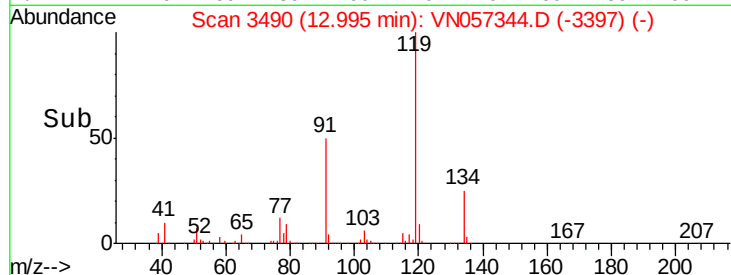
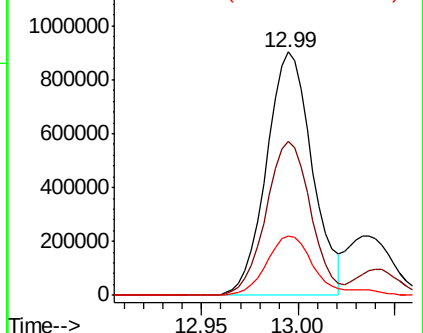
#83
 tert-Butylbenzene
 Concen: 52.811 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1484253
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.3 93.8
 134 26.0 13.1 39.1

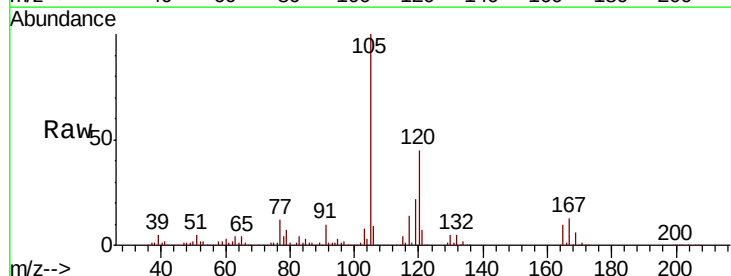


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

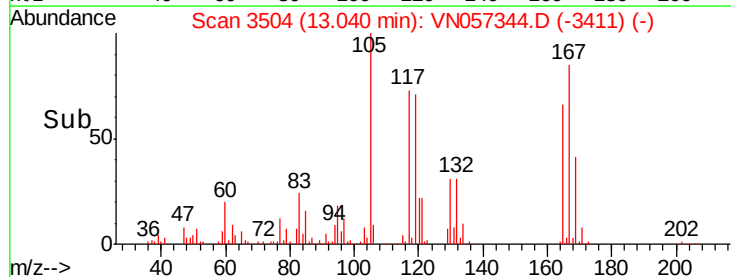
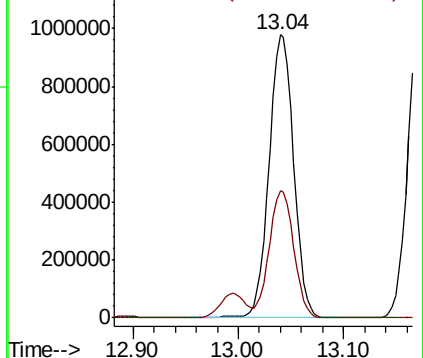


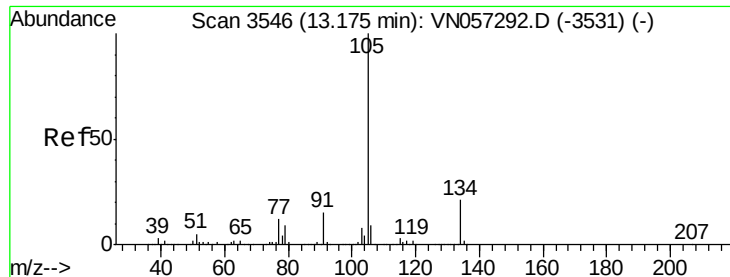
#84
 1,2,4-Trimethylbenzene
 Concen: 46.151 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion:105 Resp: 1584505
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.313 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

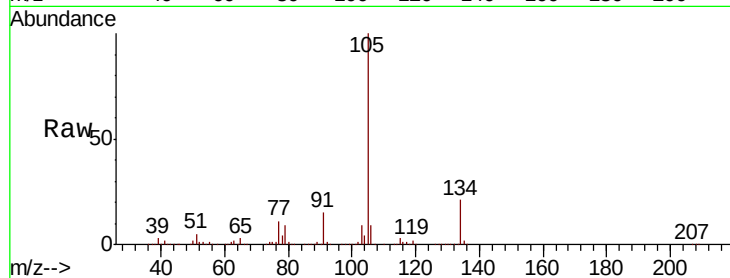
VSTDCCC050EC

Tgt Ion:105 Resp: 1813972

Ion Ratio Lower Upper

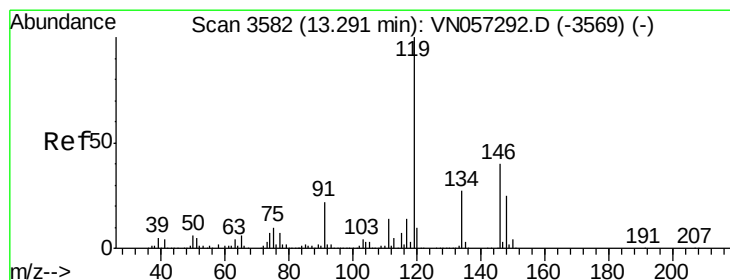
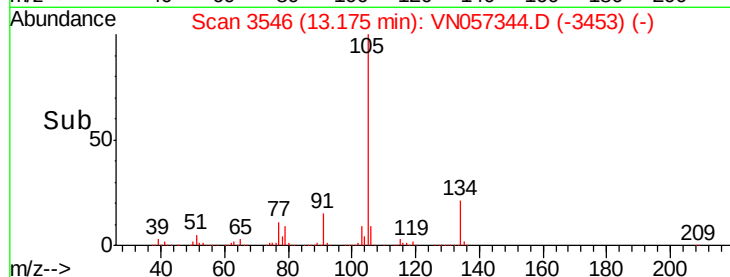
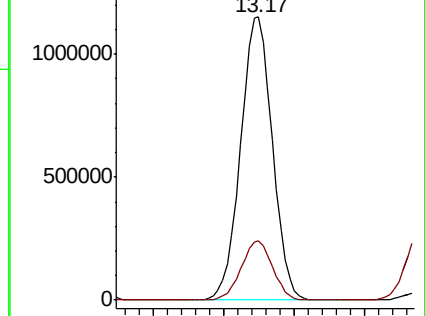
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.348 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

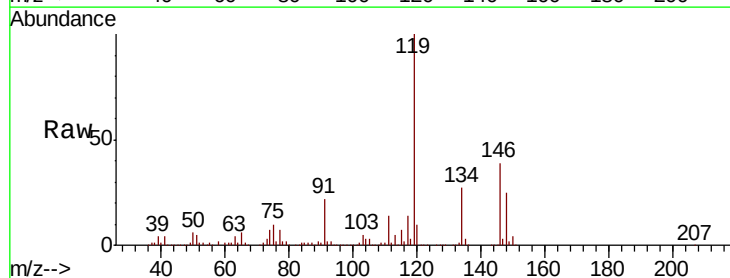
Tgt Ion:119 Resp: 1594007

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

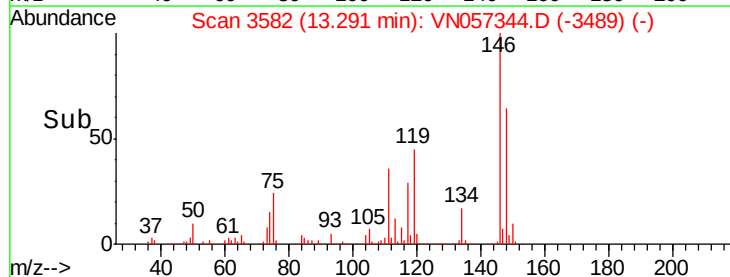
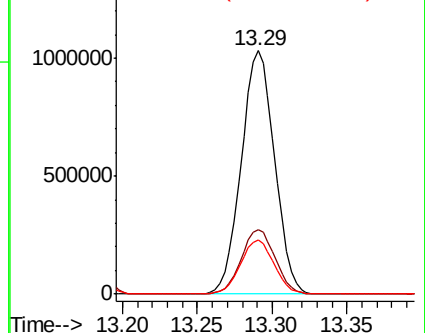
91 22.2 11.2 33.5

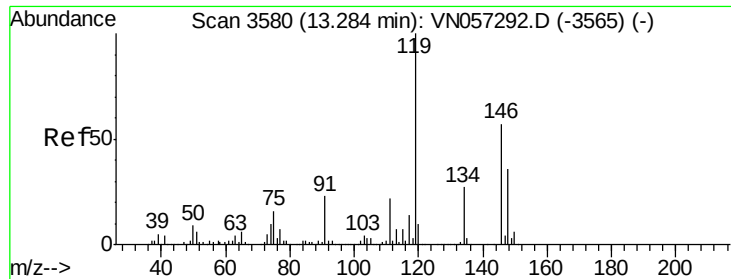


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.337 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

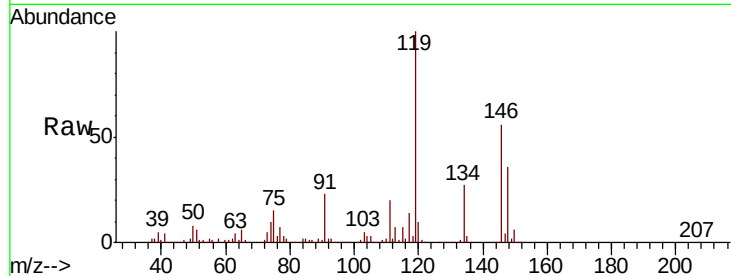
Tgt Ion:146 Resp: 790568

Ion Ratio Lower Upper

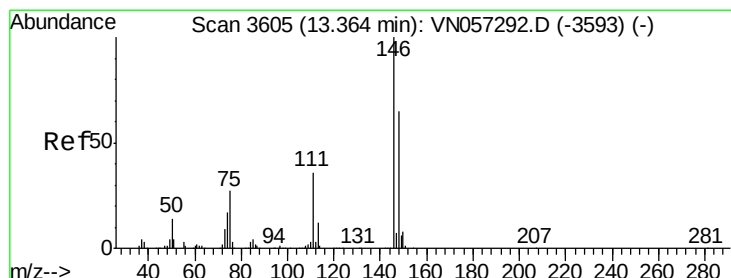
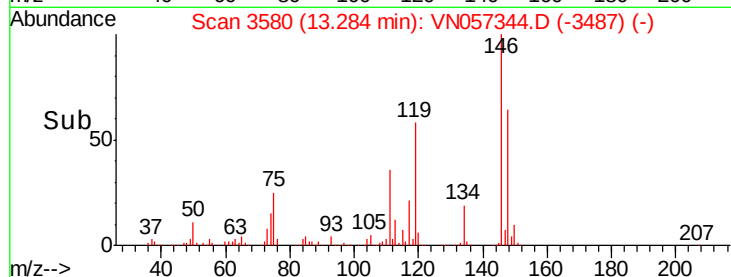
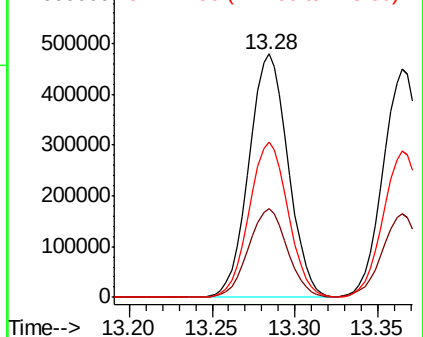
146 100

111 36.2 18.7 56.1

148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.293 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

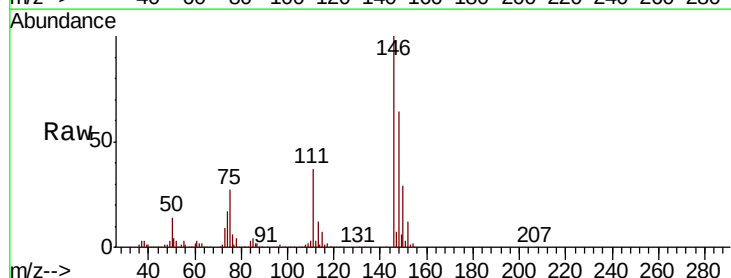
Tgt Ion:146 Resp: 733925

Ion Ratio Lower Upper

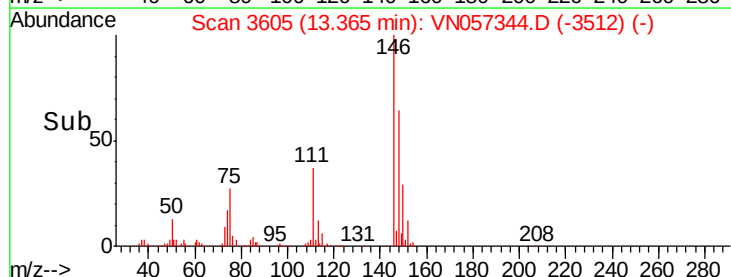
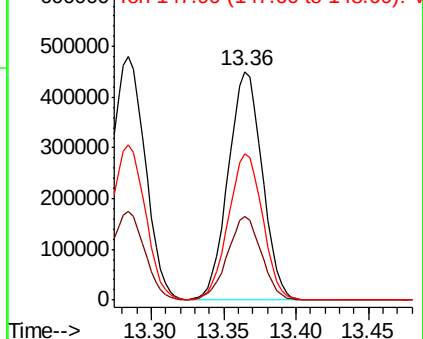
146 100

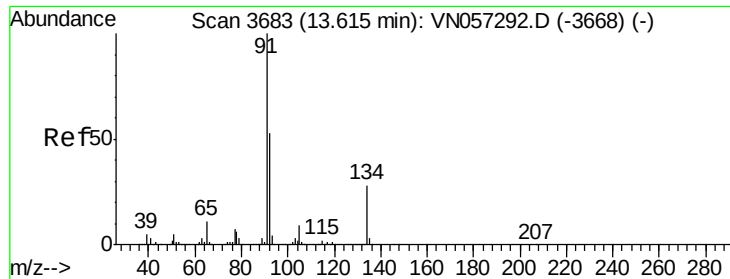
111 36.2 18.4 55.4

148 64.2 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.006 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

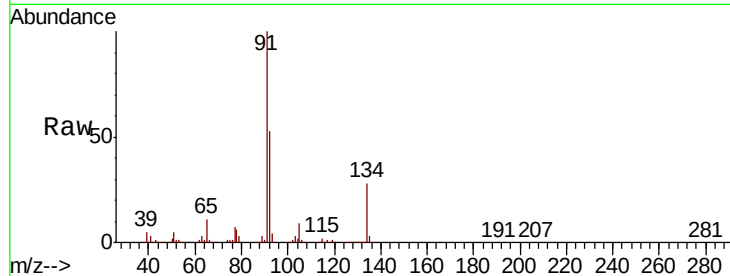
Tgt Ion: 91 Resp: 1202973

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

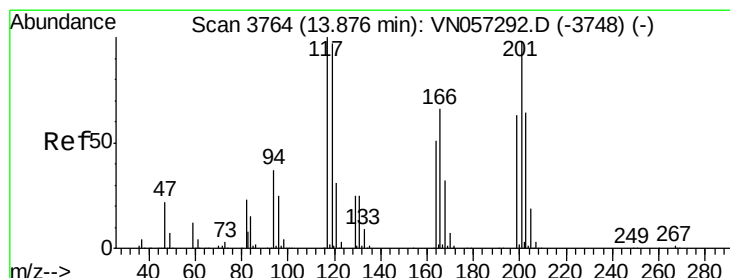
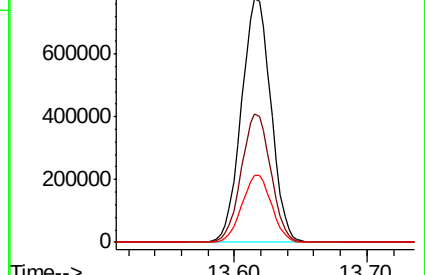
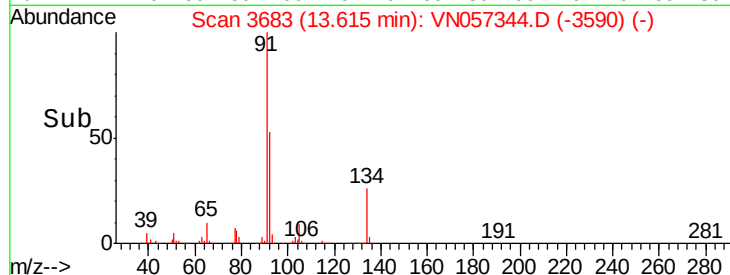
134 27.6 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057292.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057292.D (-3668) (-)



#90

Hexachloroethane

Concen: 52.867 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057344.D

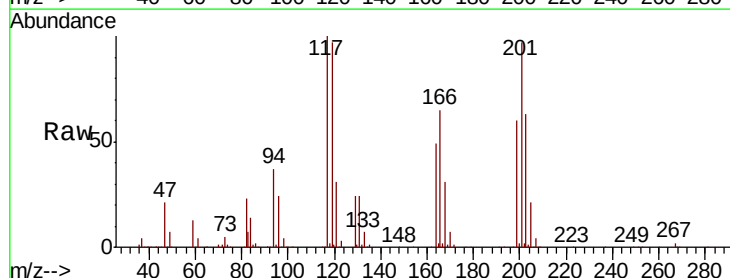
Acq: 15 Aug 2019 20:19

Tgt Ion: 117 Resp: 315260

Ion Ratio Lower Upper

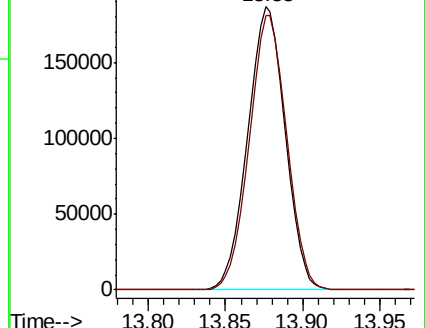
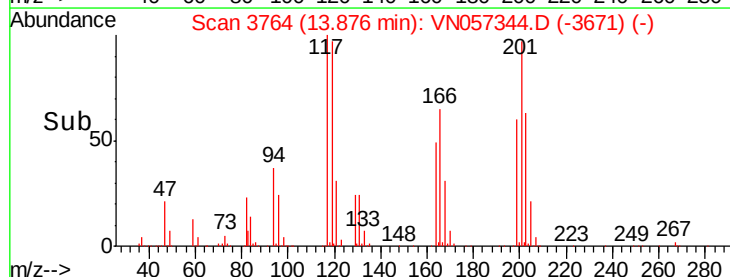
117 100

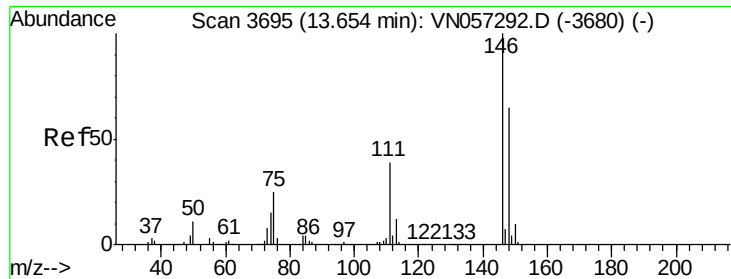
201 96.8 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VN057292.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN057292.D (-3748) (-)

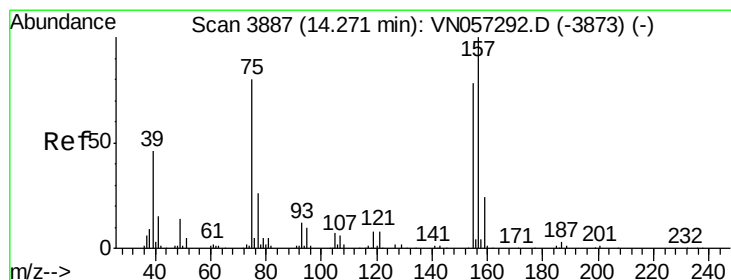
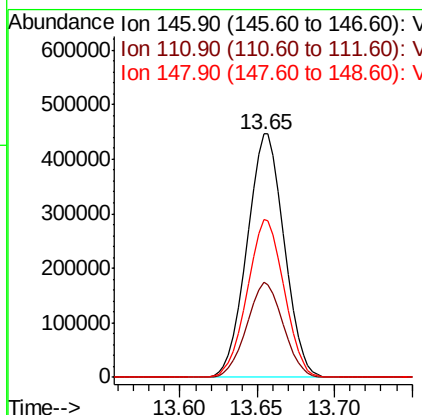
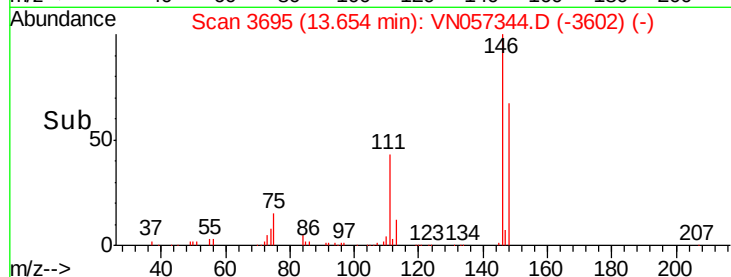
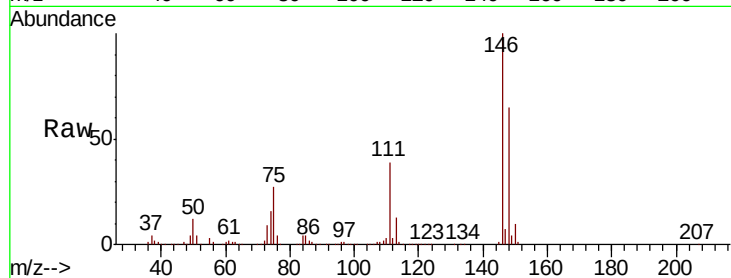




#91
 1,2-Dichlorobenzene
 Concen: 47.936 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

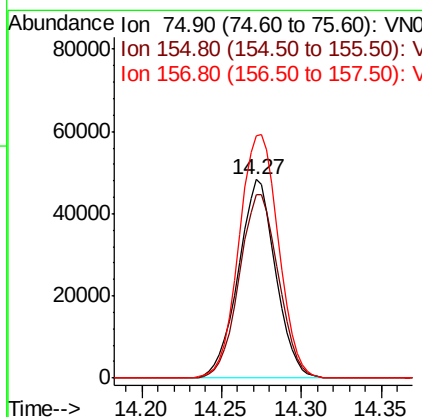
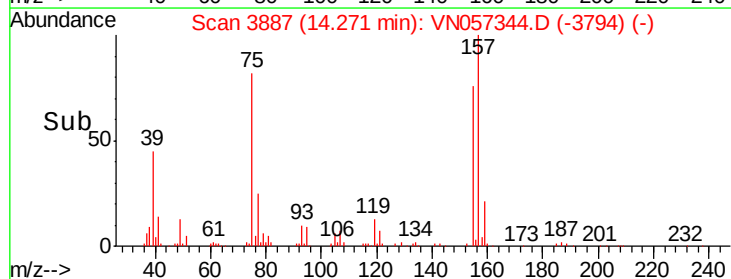
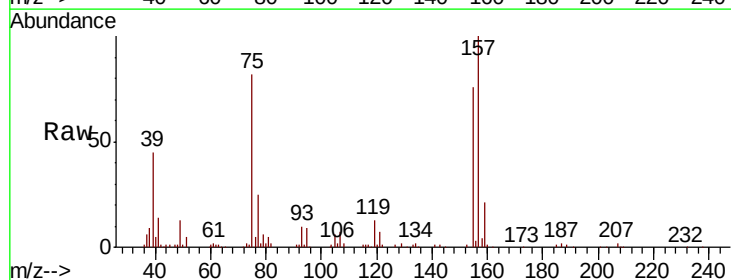
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

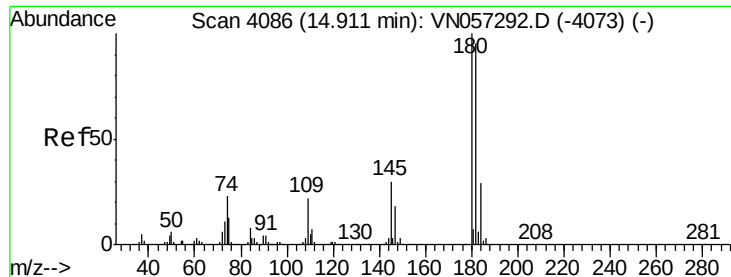
Tgt Ion:146 Resp: 746290
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.1
 148 64.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.161 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion: 75 Resp: 76764
 Ion Ratio Lower Upper
 75 100
 155 97.1 49.6 148.8
 157 129.9 63.7 191.1

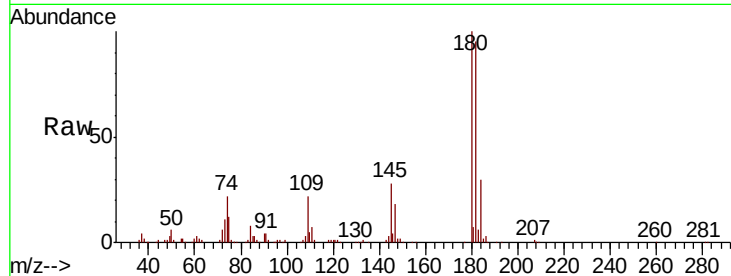




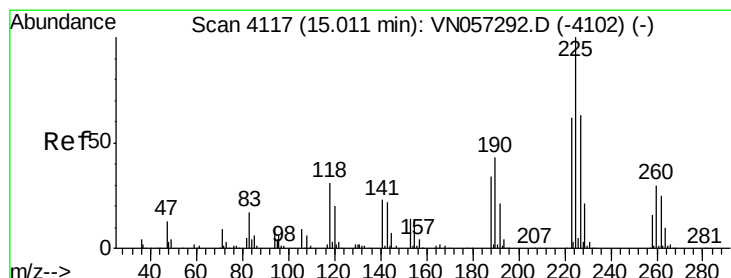
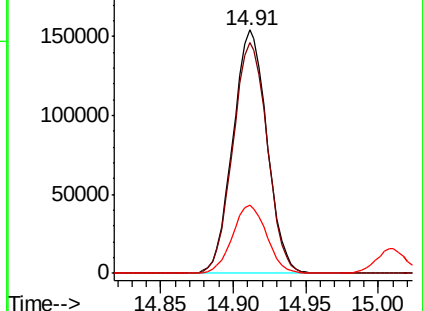
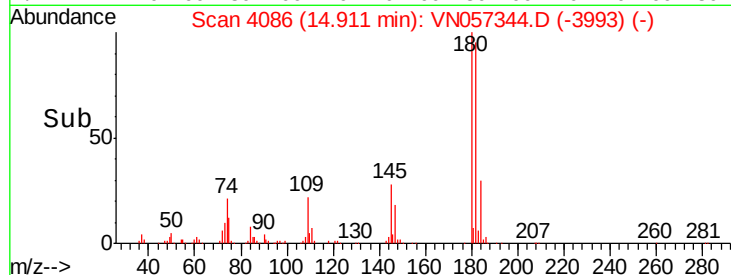
#93
 1,2,4-Trichlorobenzene
 Concen: 41.456 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 251722
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 28.2 14.5 43.6

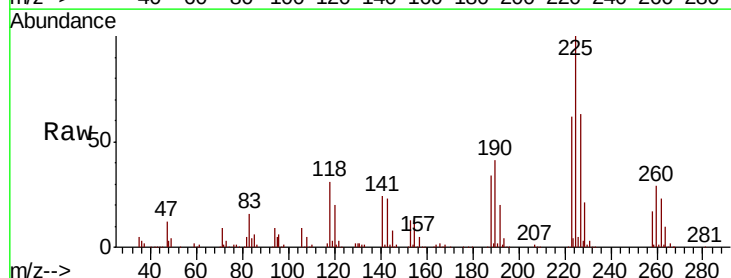


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

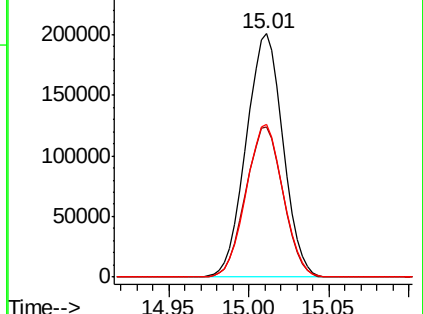
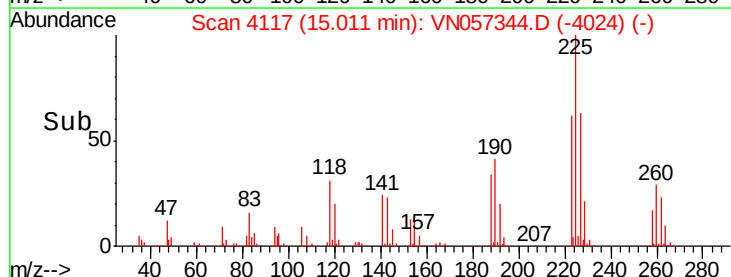


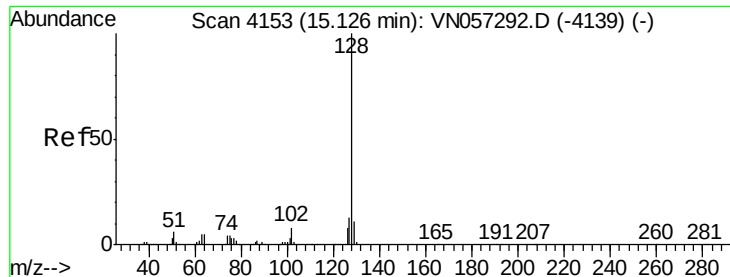
#94
 Hexachlorobutadiene
 Concen: 53.014 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057344.D
 Acq: 15 Aug 2019 20:19

Tgt Ion:225 Resp: 314815
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.7 92.1
 227 62.9 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.021 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

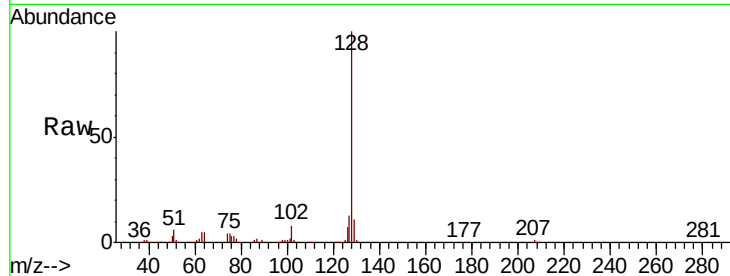
Tgt Ion:128 Resp: 502751

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

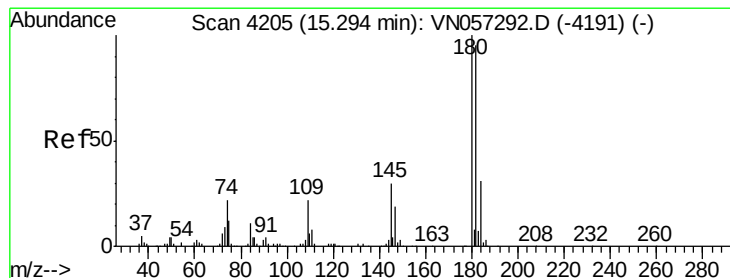
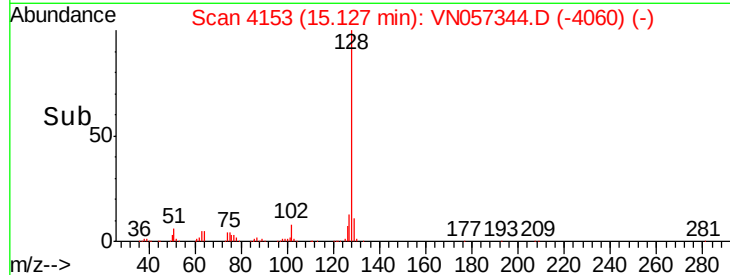
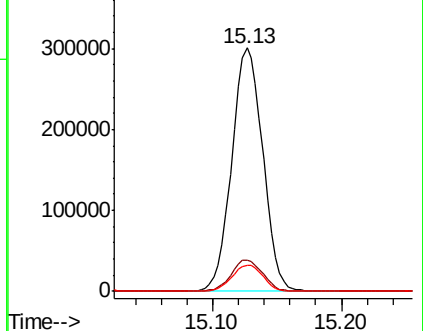
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.975 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057344.D

Acq: 15 Aug 2019 20:19

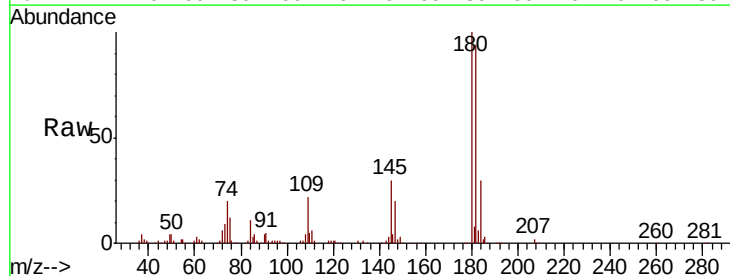
Tgt Ion:180 Resp: 232173

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

